

FIG. 1

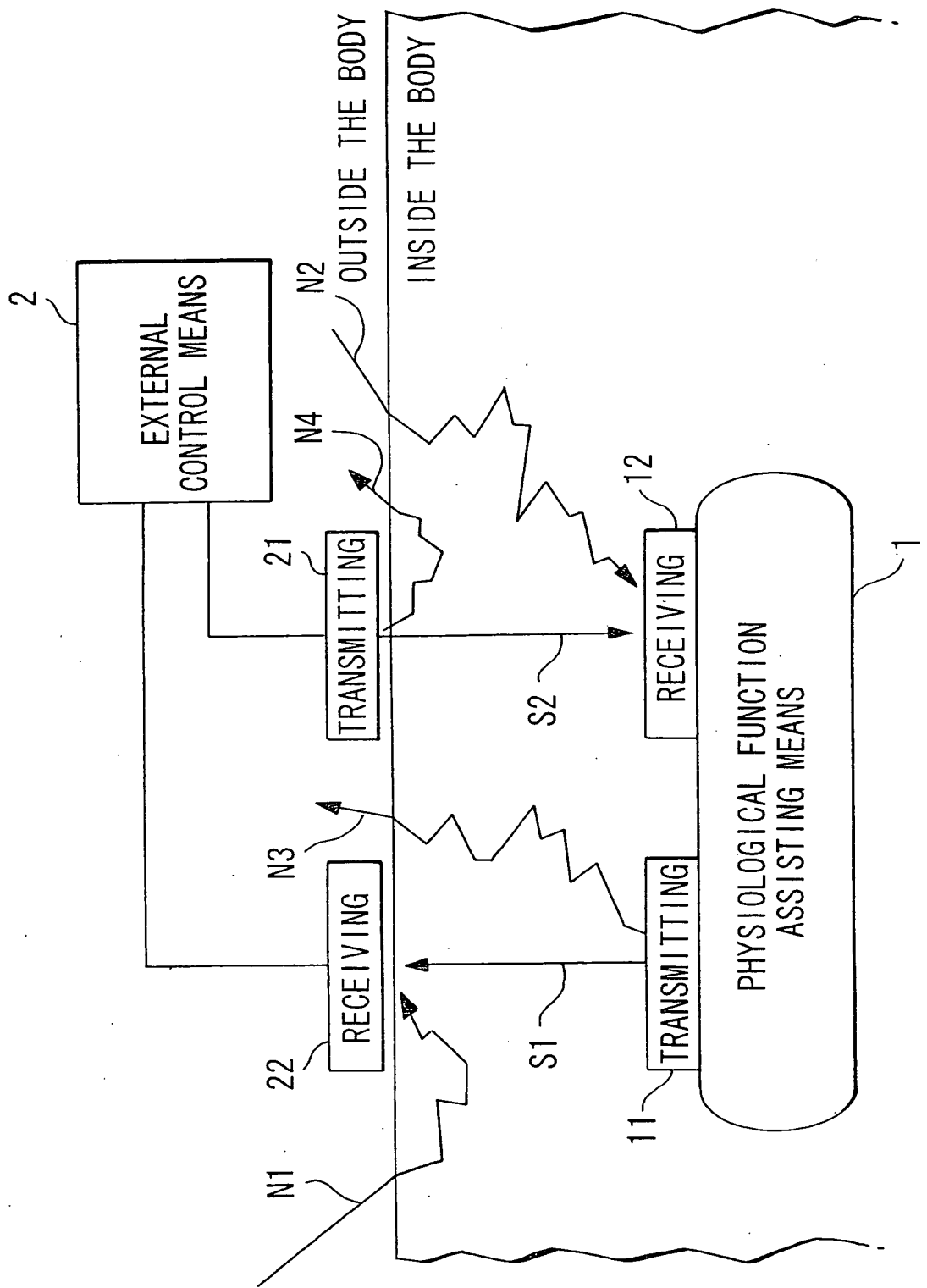


FIG. 2

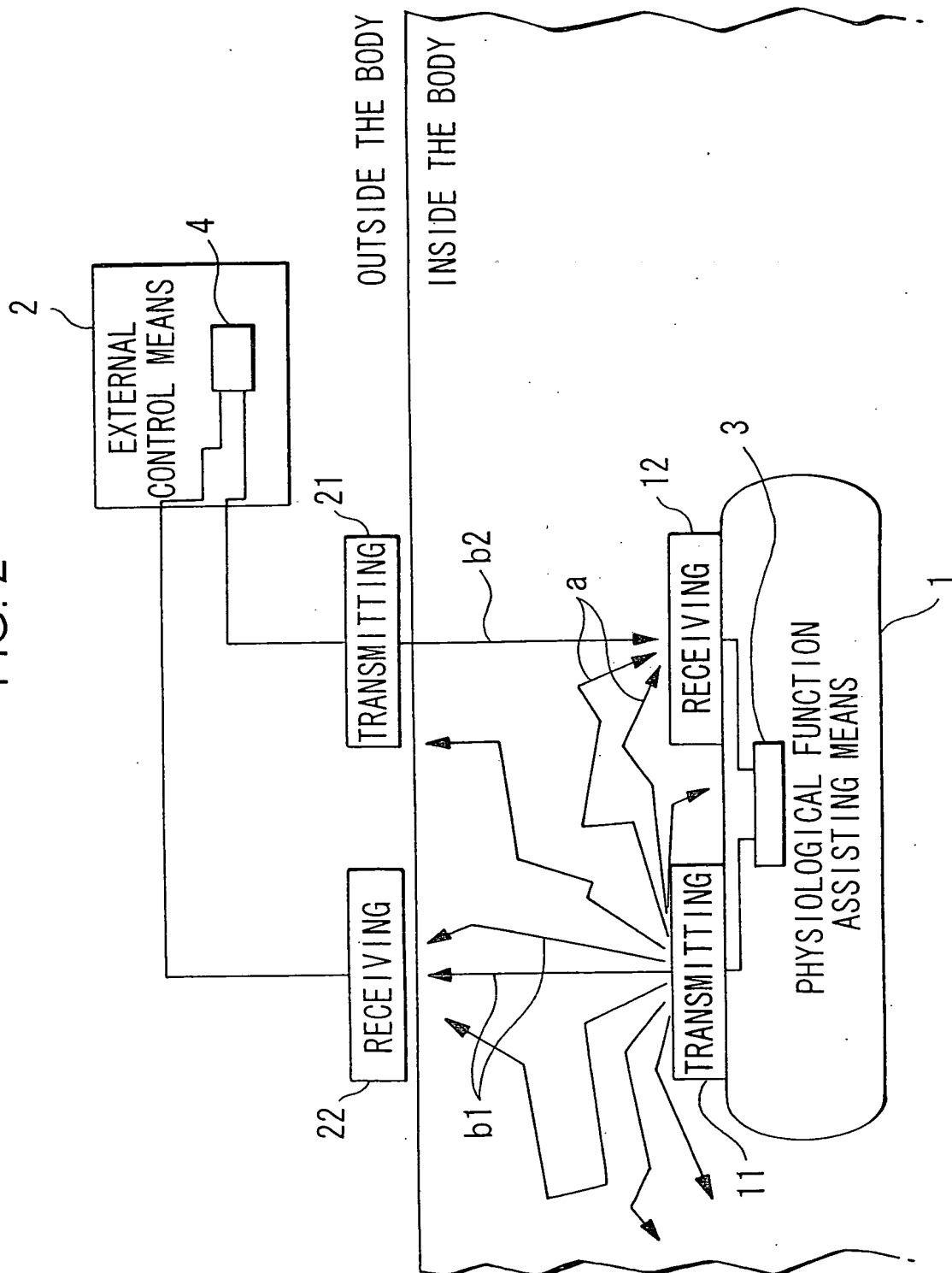
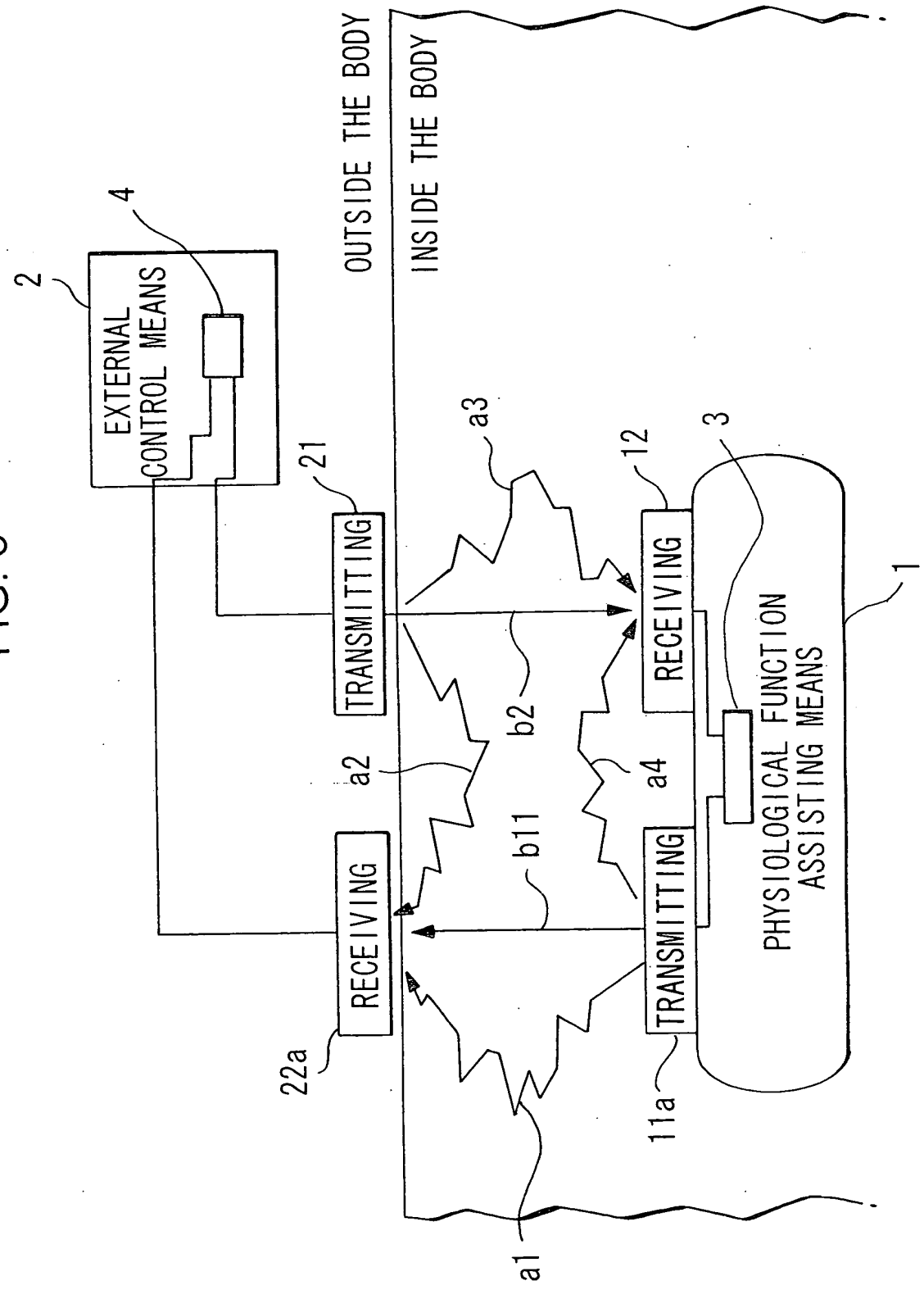


FIG. 3



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FIG. 4

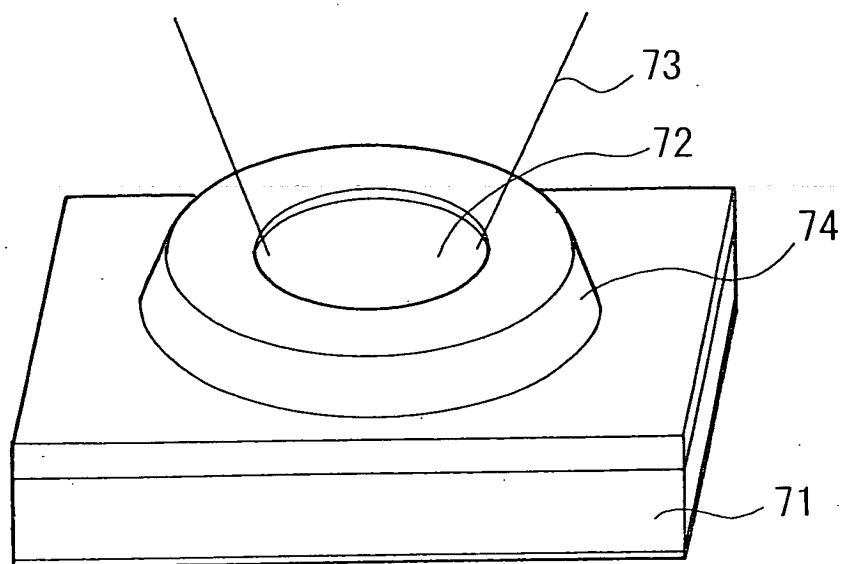


FIG. 5

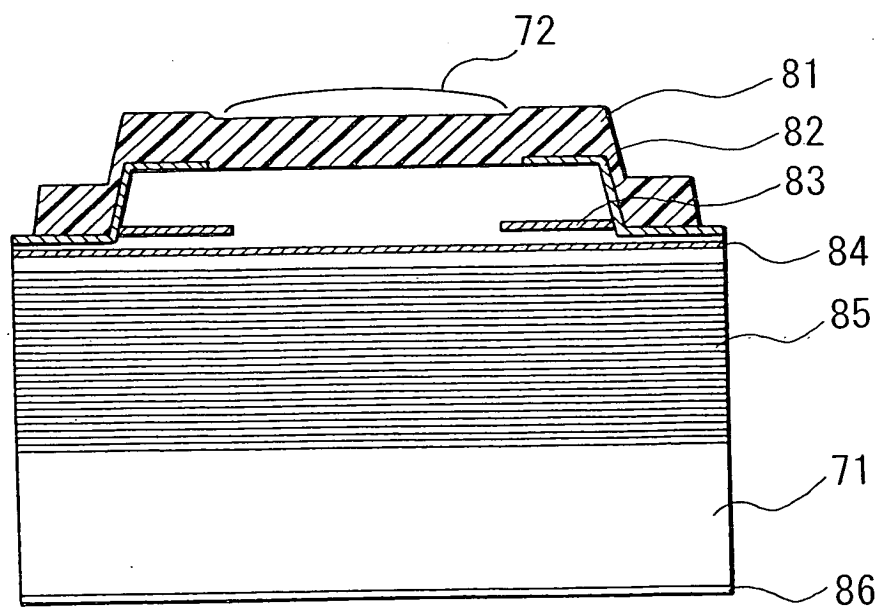


FIG. 6

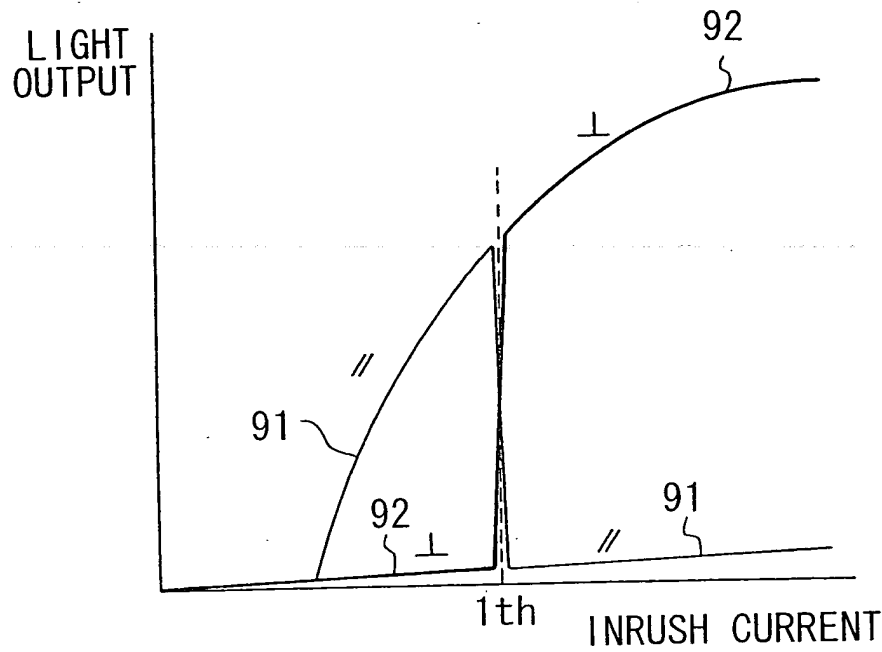
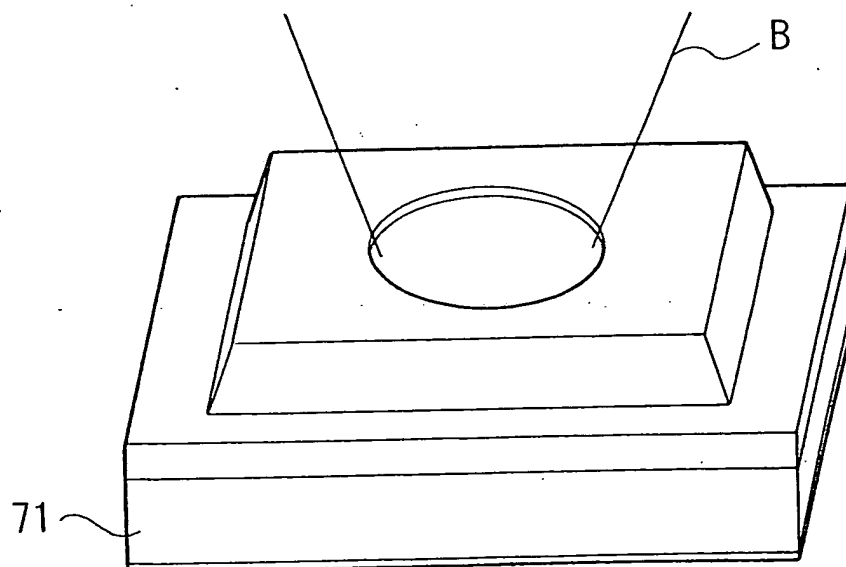


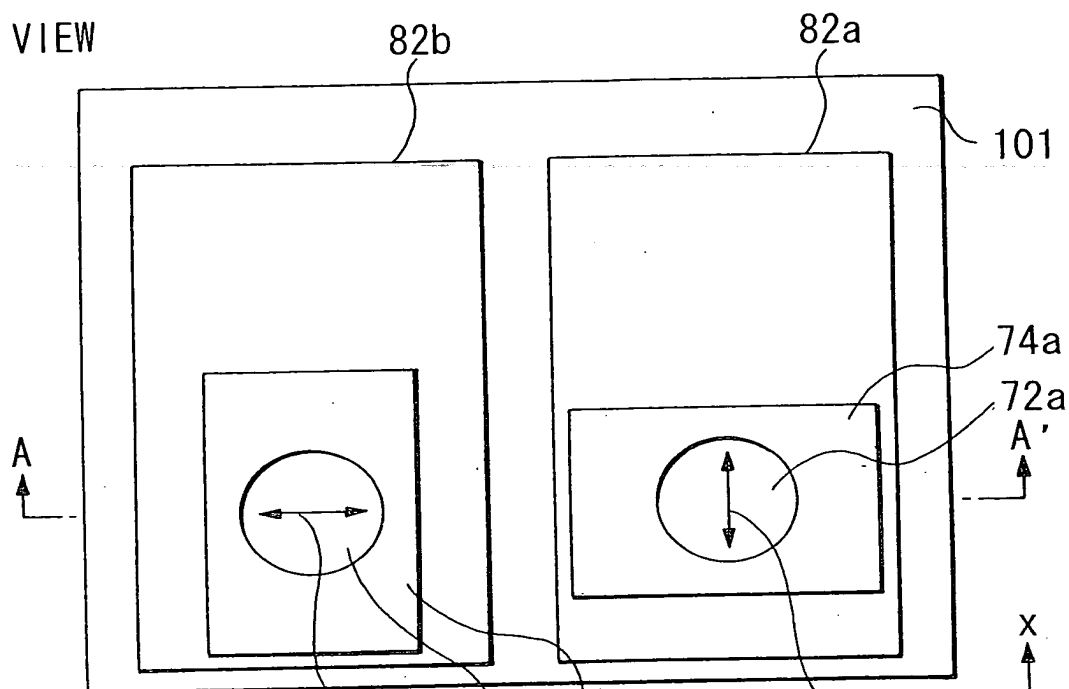
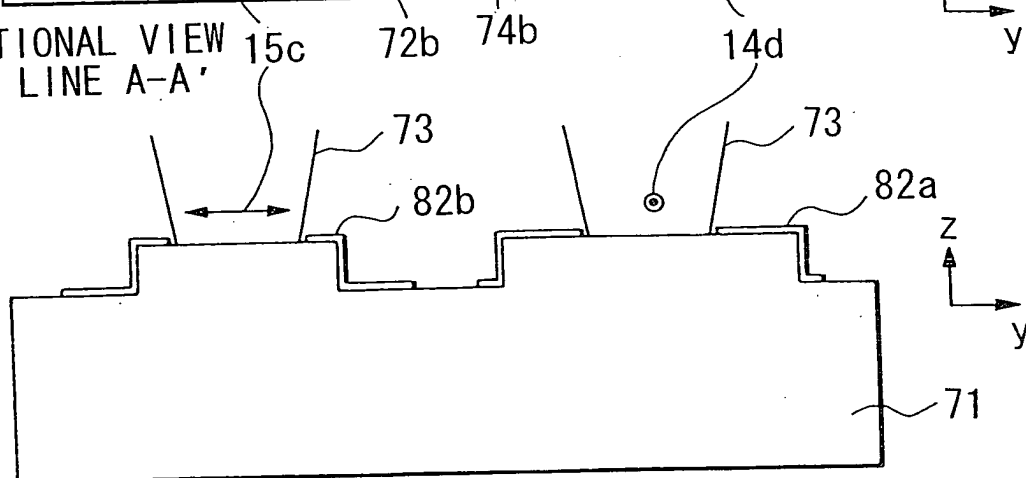
FIG. 7



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FIG. 8

PLANAR VIEW


CROSS-SECTIONAL VIEW
ALONG THE LINE A-A'


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FIG. 9

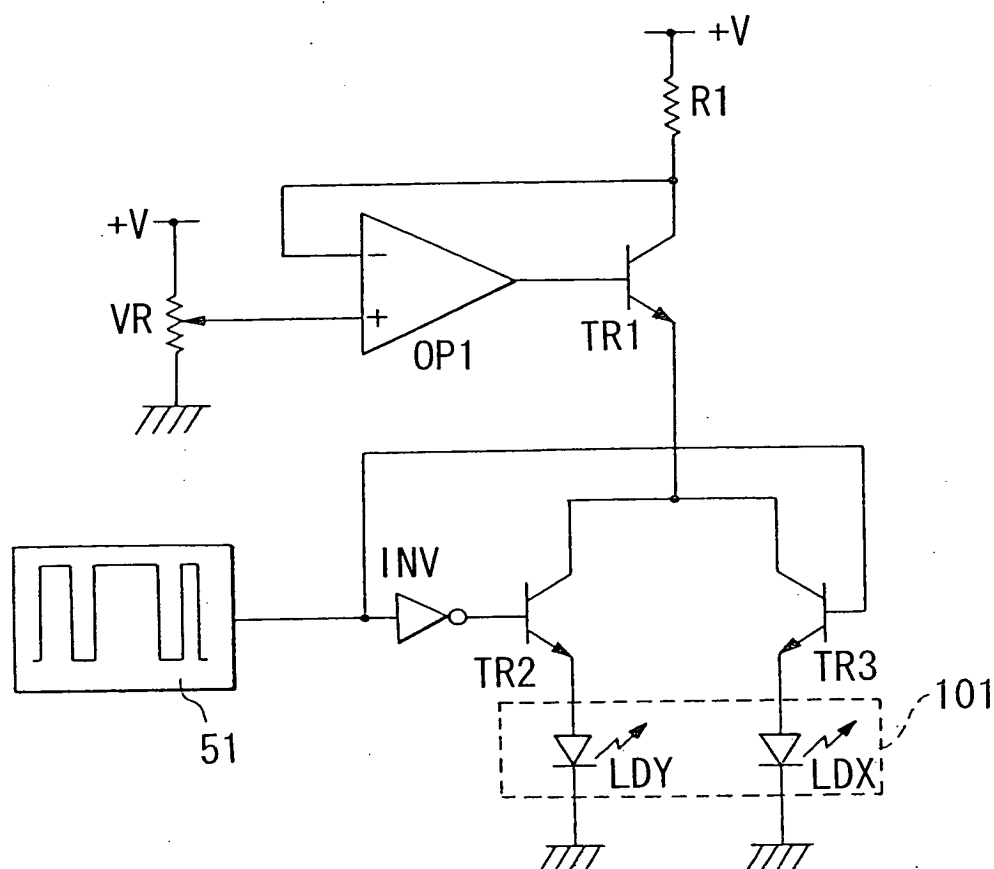
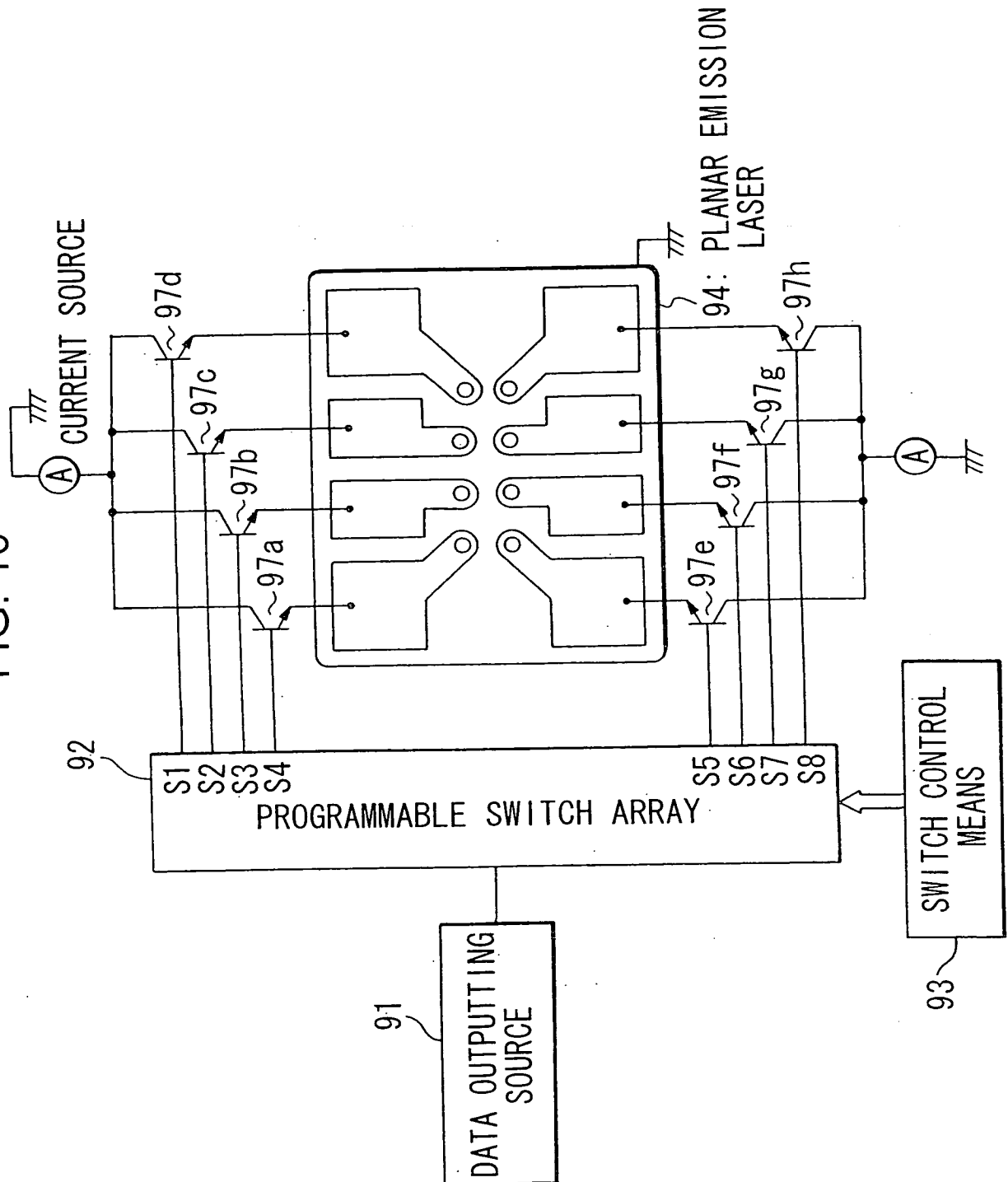
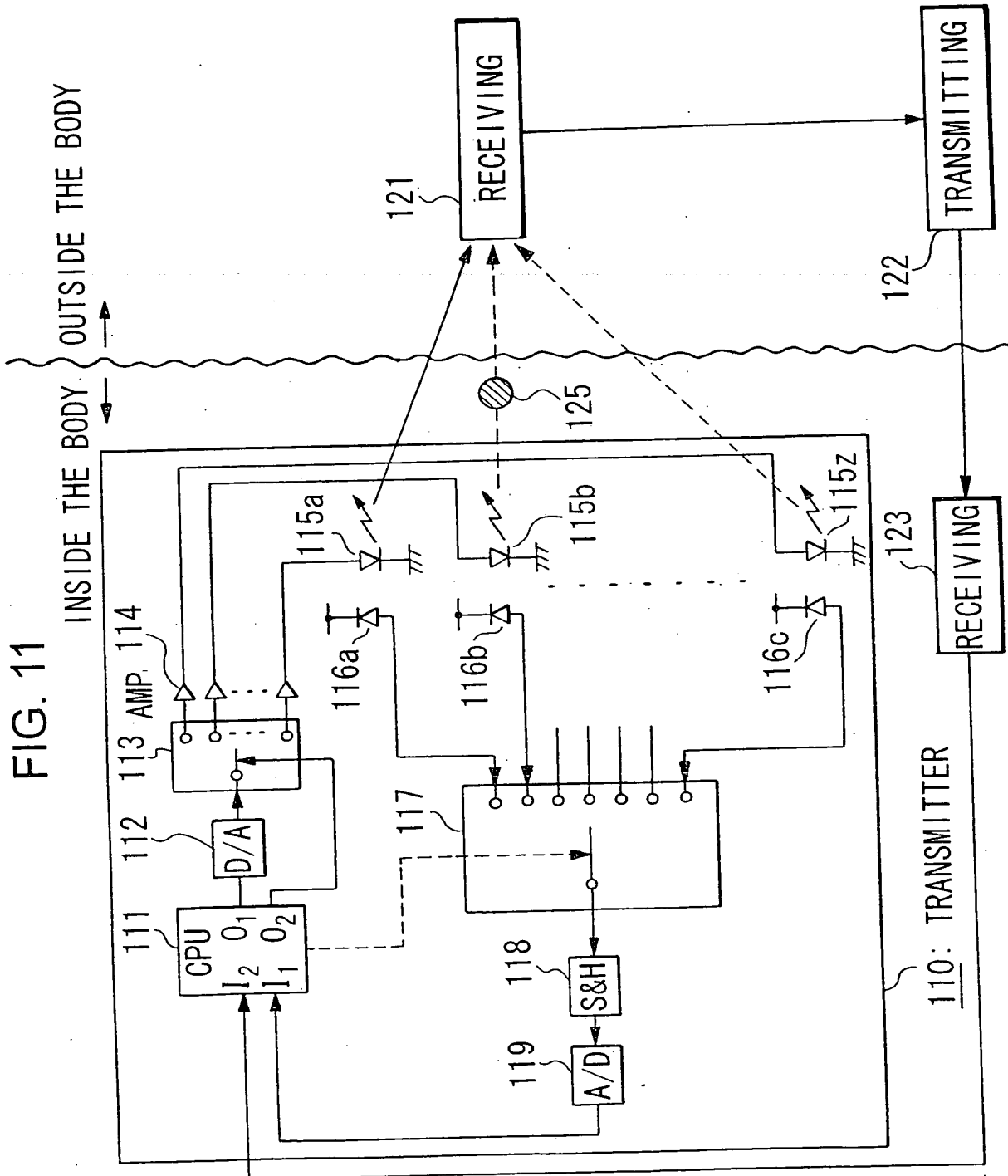


FIG. 10



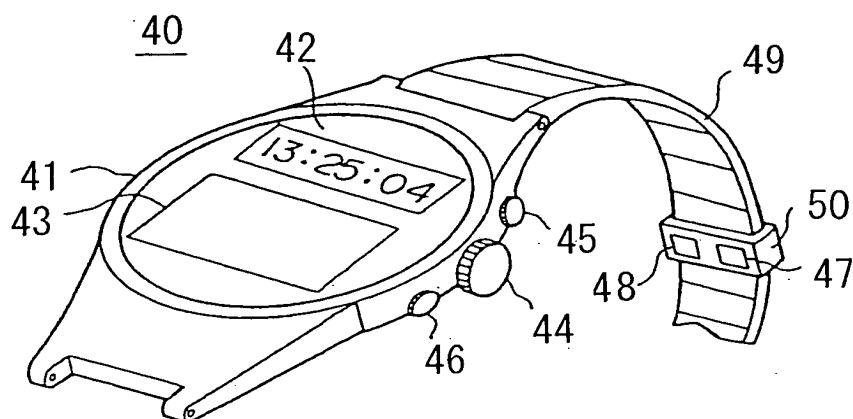


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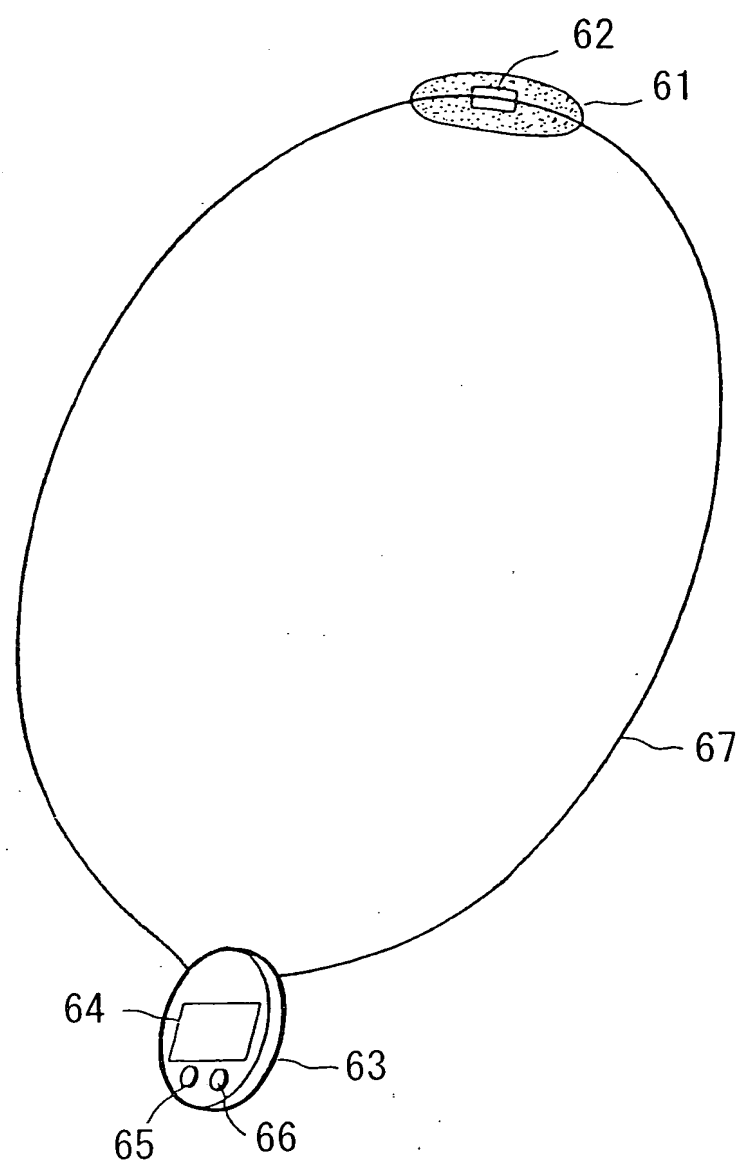
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FIG. 12



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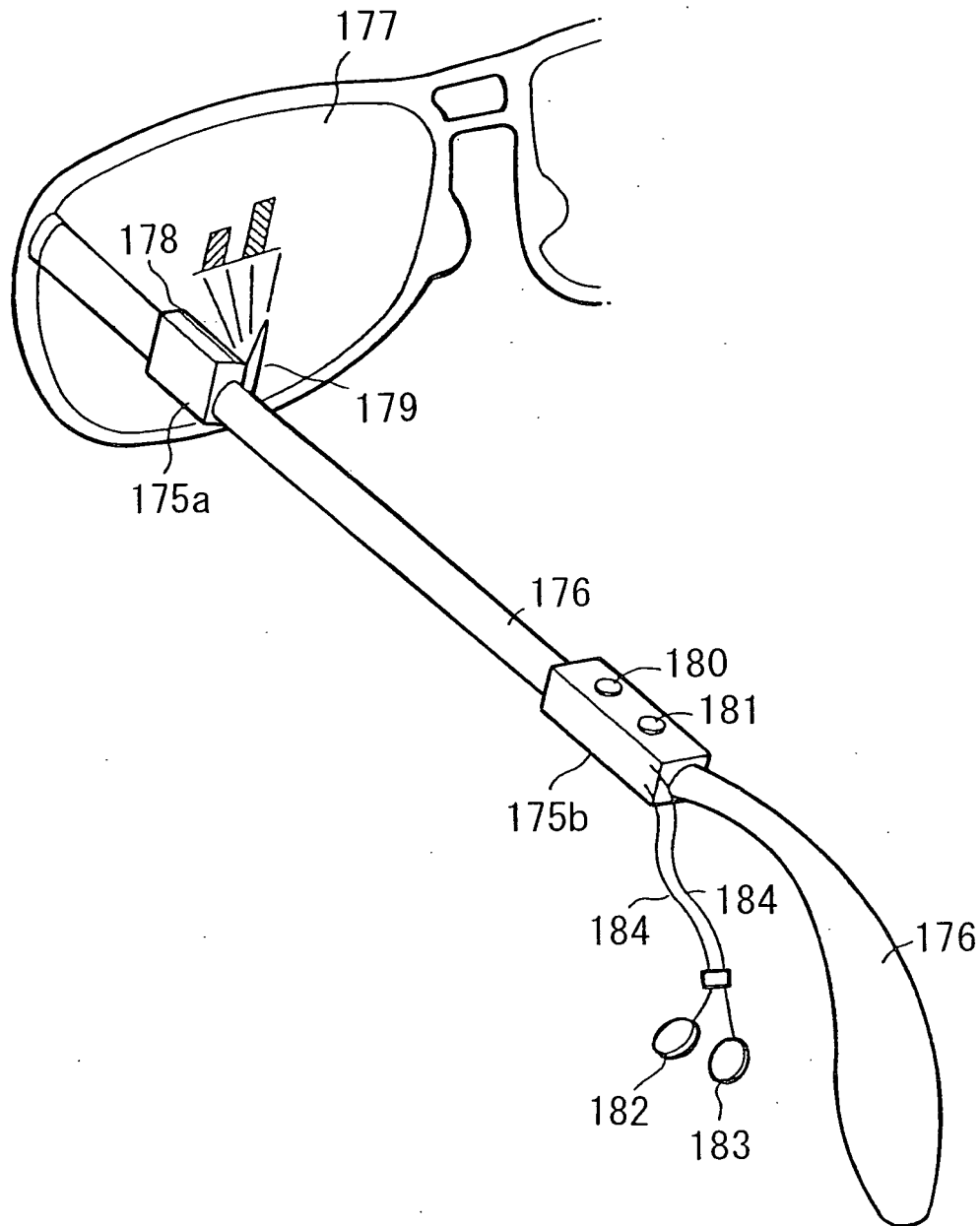
FIG. 13



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FIG. 14



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FIG. 15

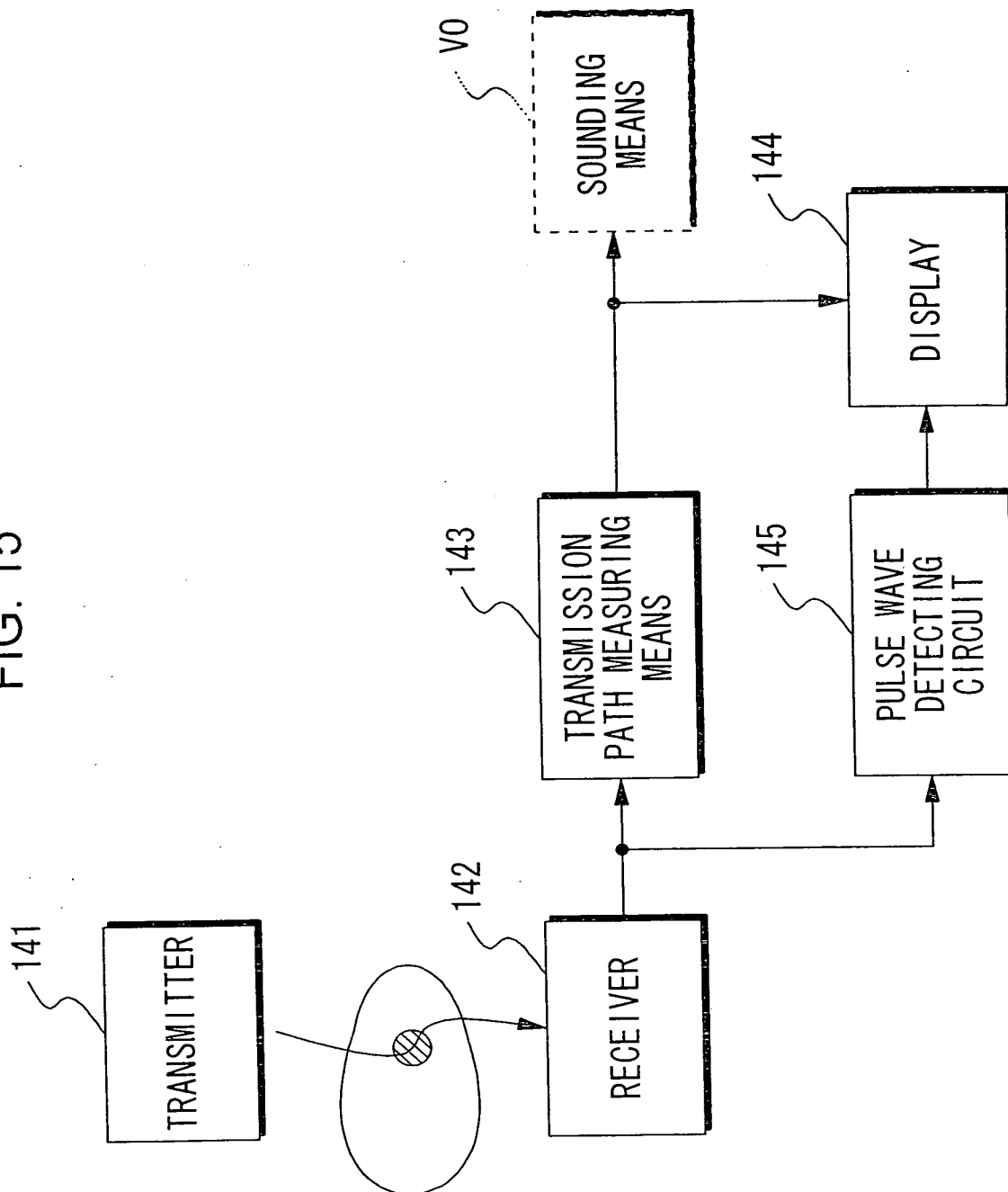


FIG. 16

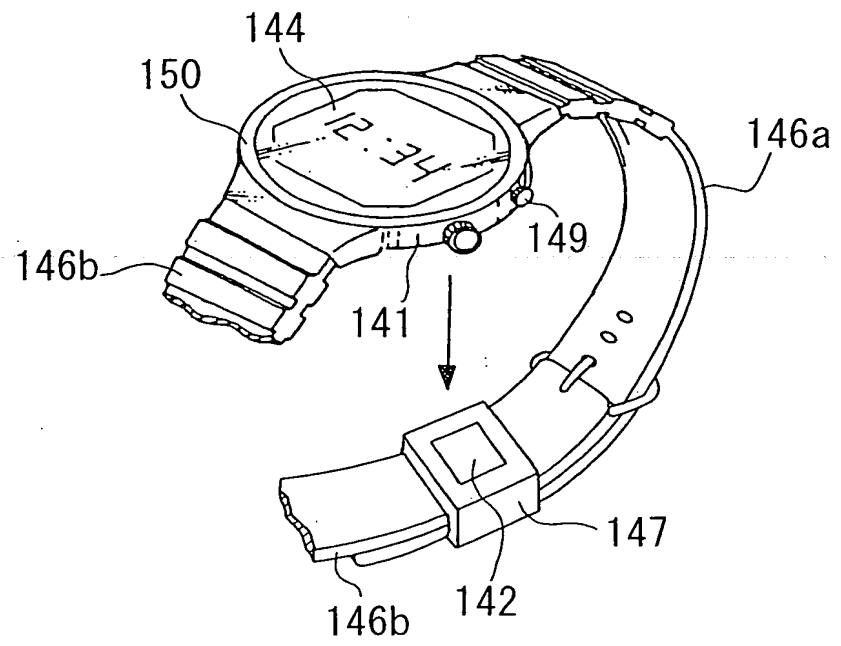
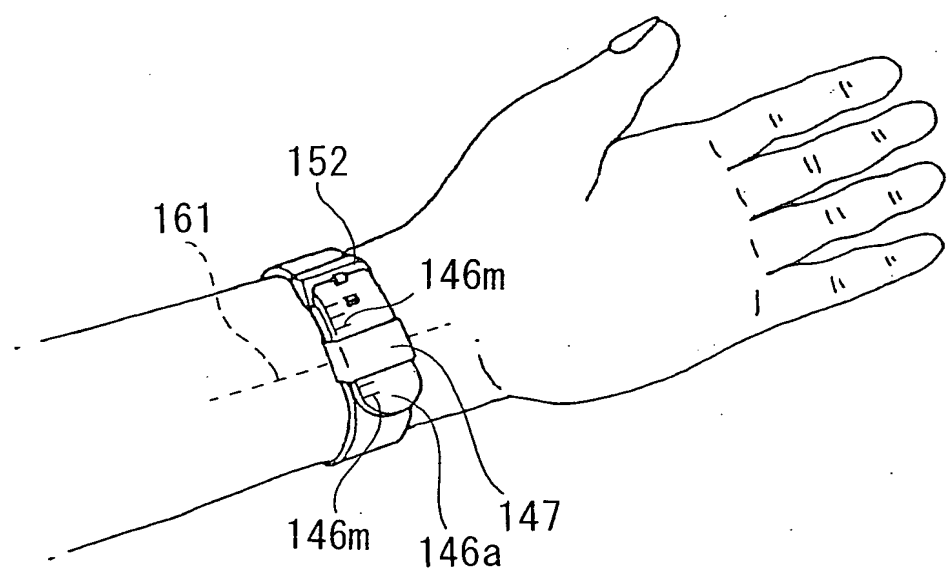


FIG. 17



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FIG. 18

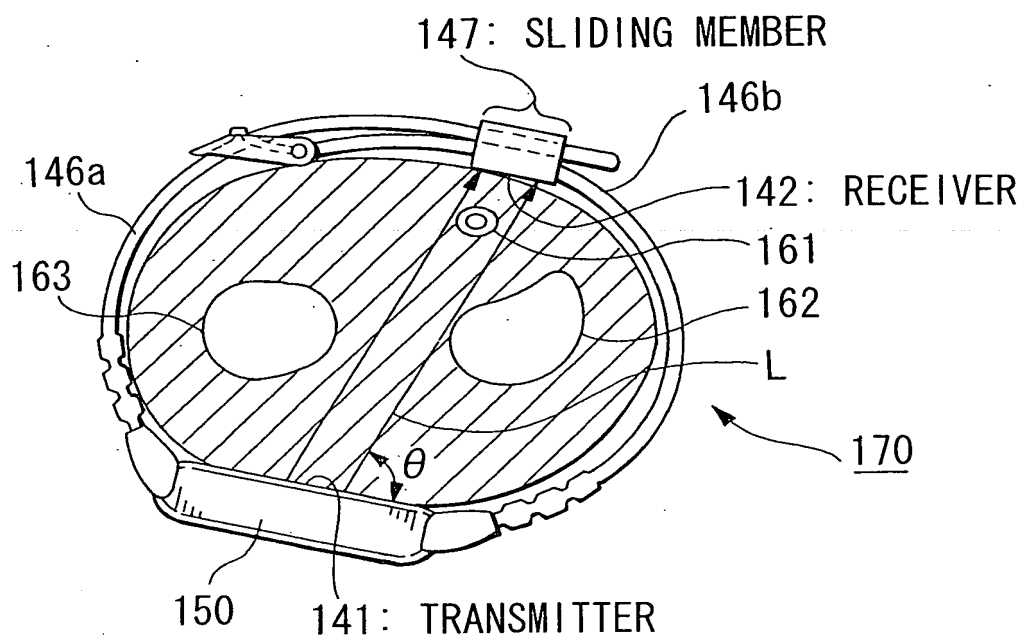


FIG. 19

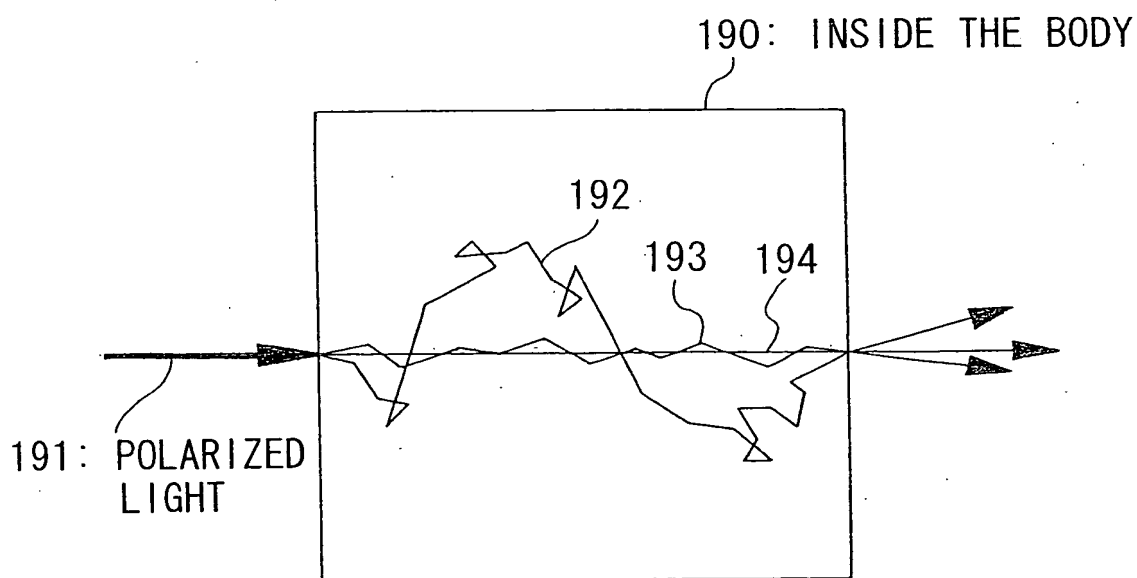


FIG. 20

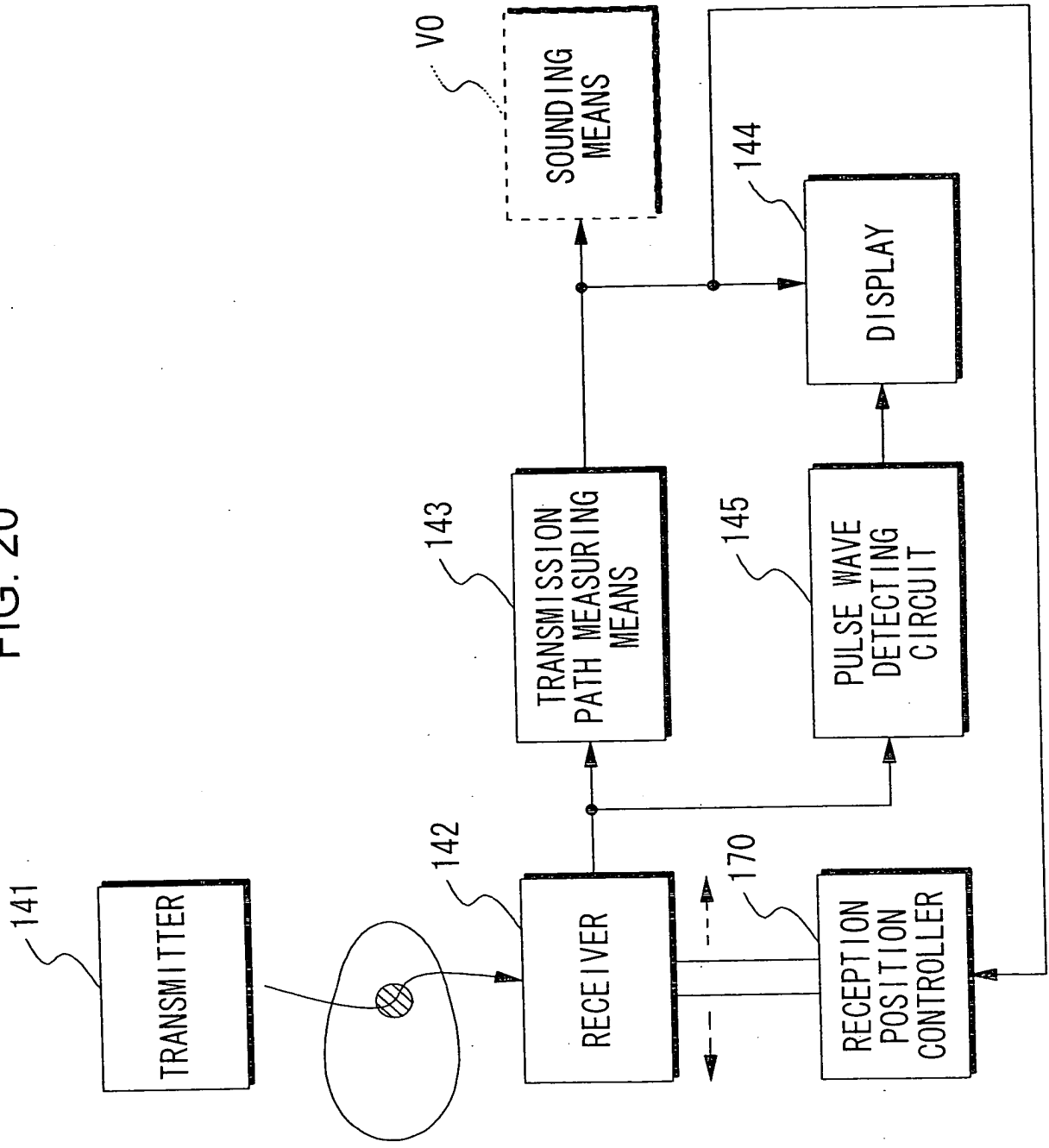


FIG. 21

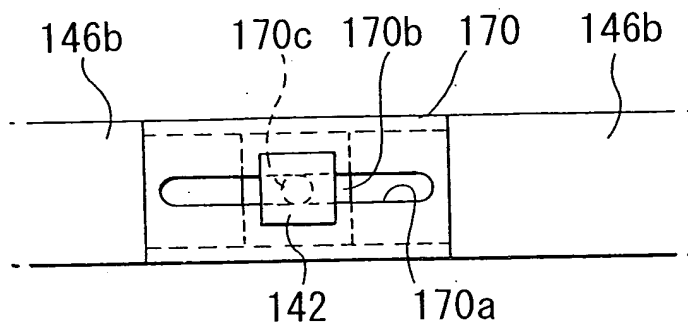


FIG. 22

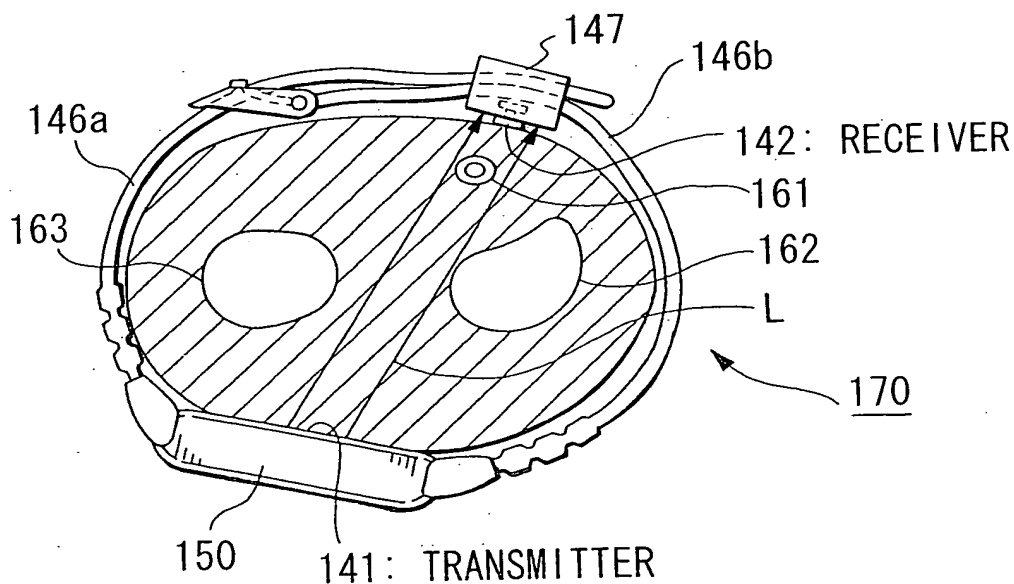


FIG. 23

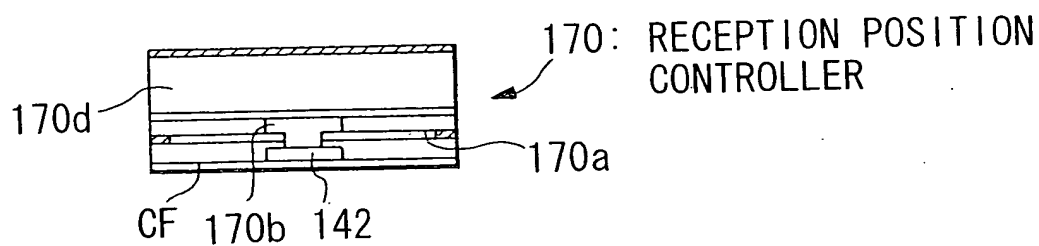


FIG. 24

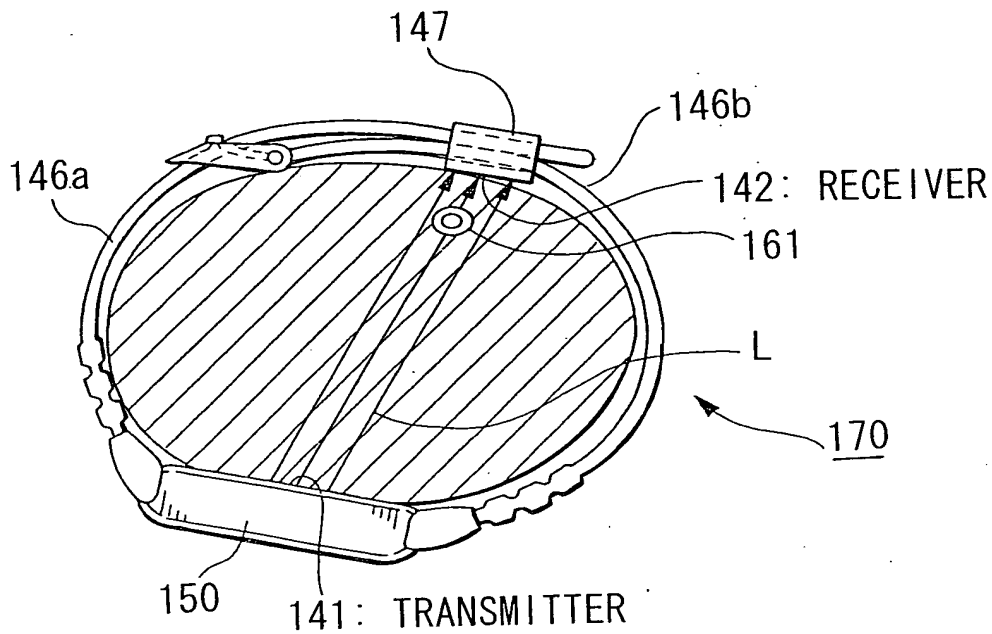
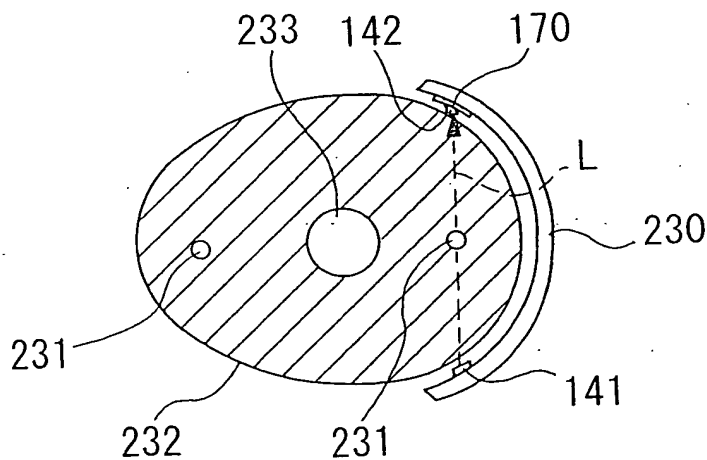


FIG. 25

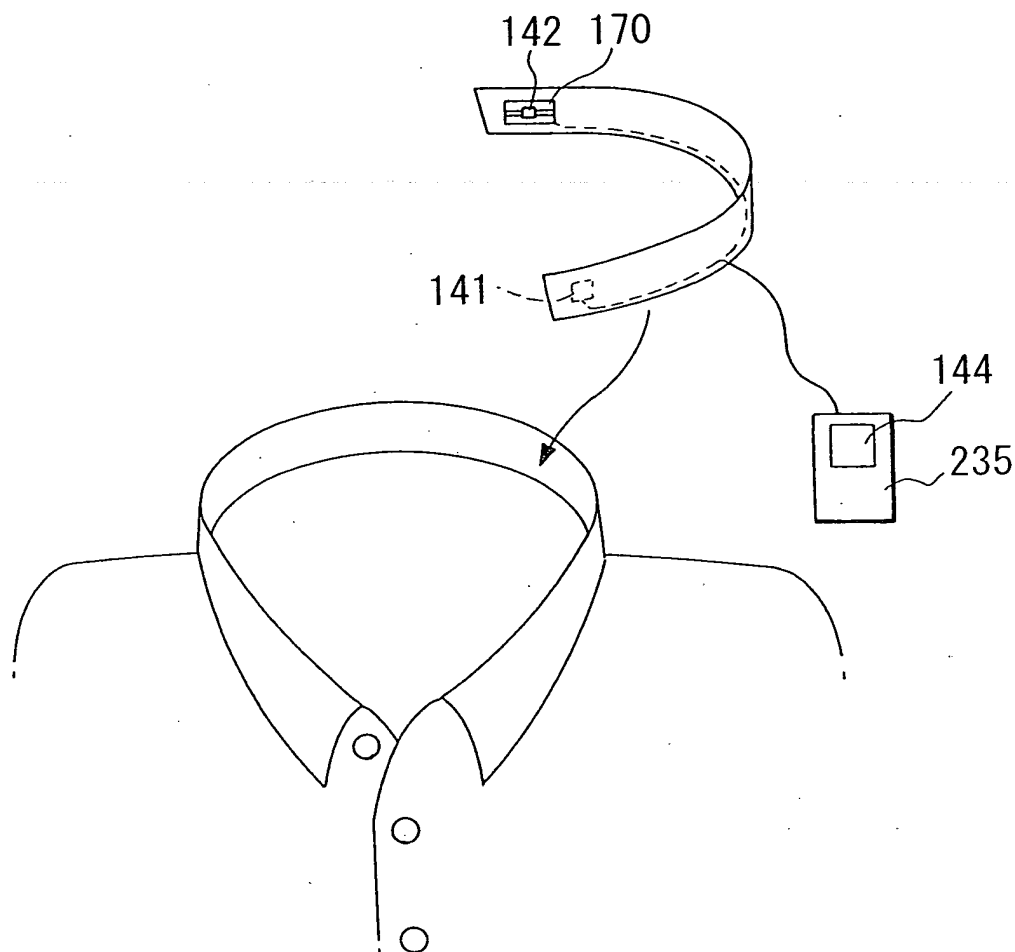


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FIG. 26



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FIG. 27

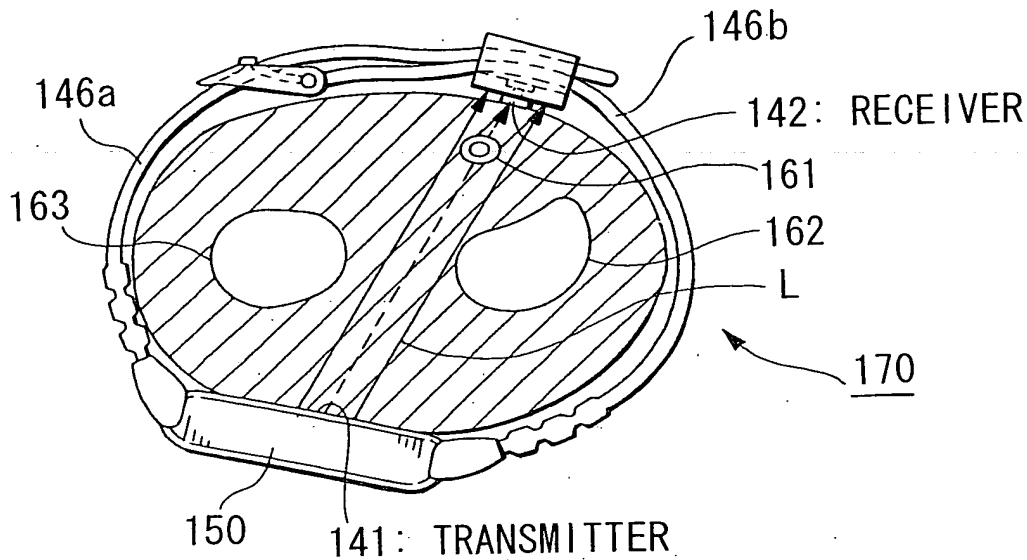


FIG. 28

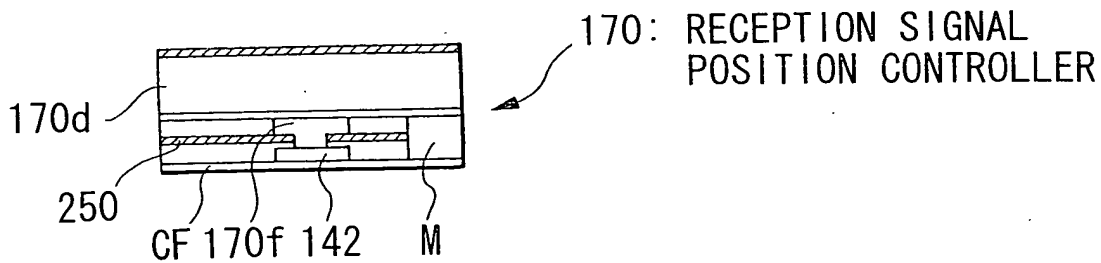


FIG. 29

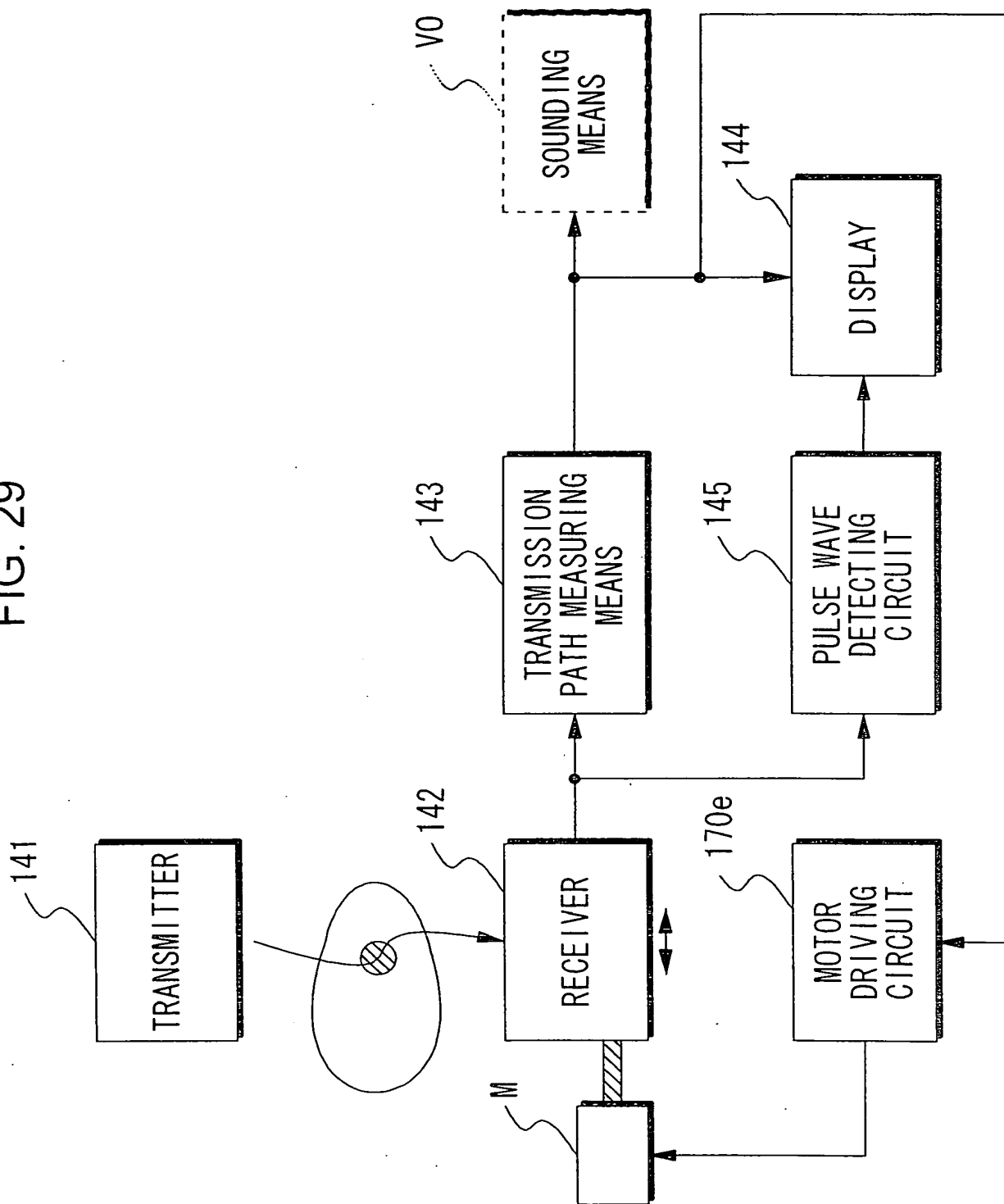
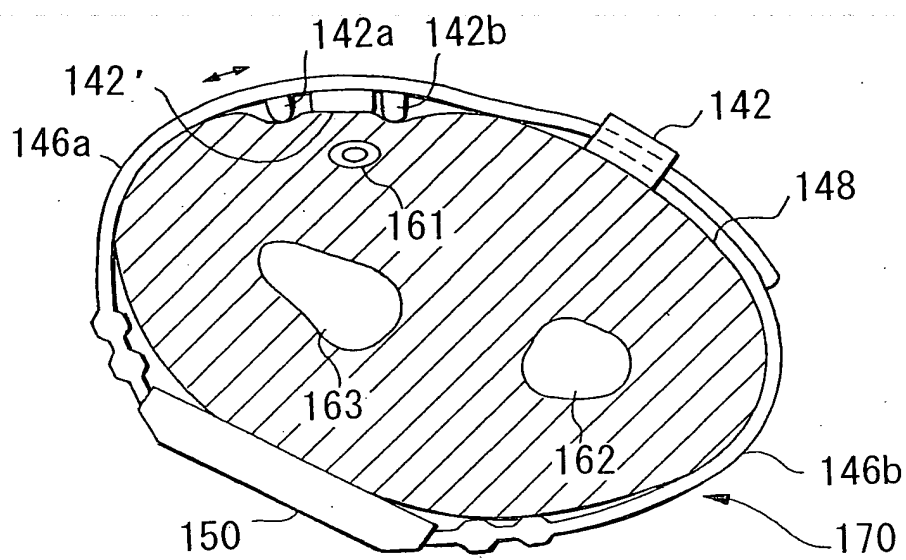


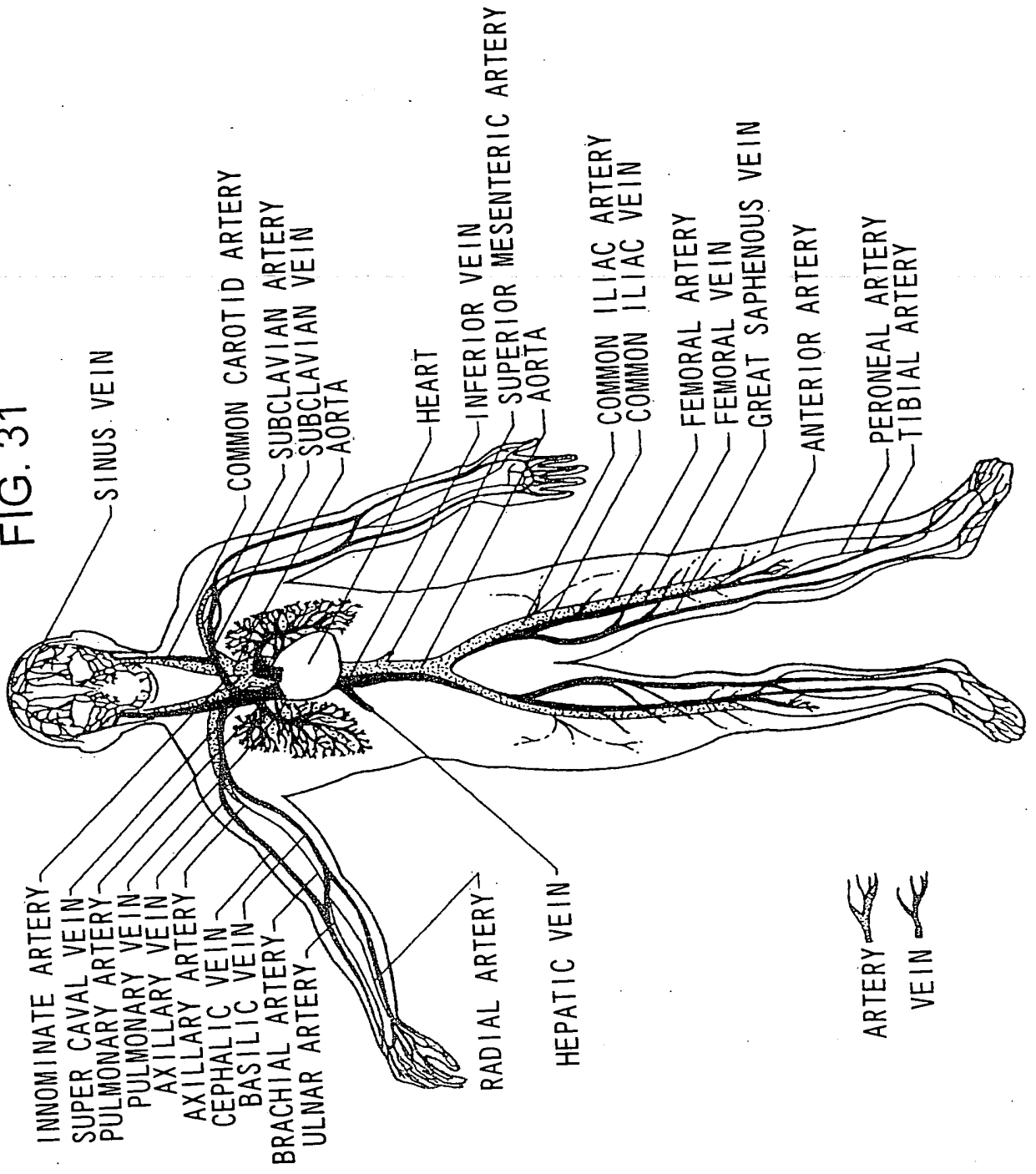
FIG. 30



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FIG. 31



ARTERY
VEIN

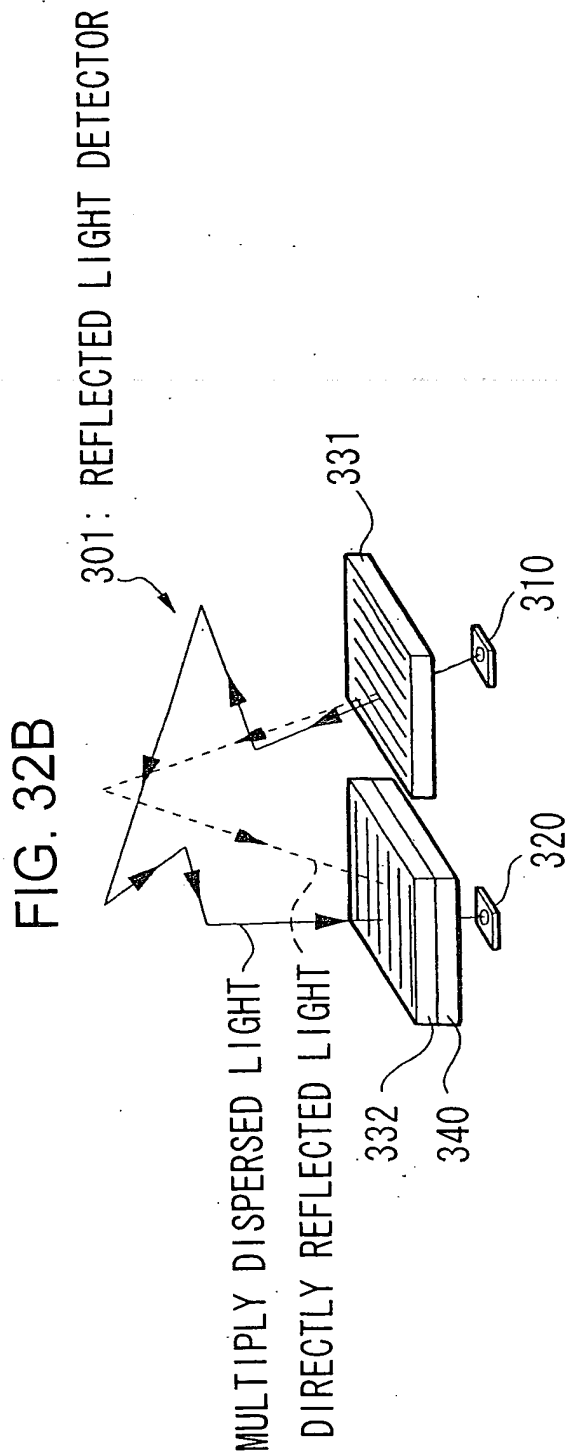
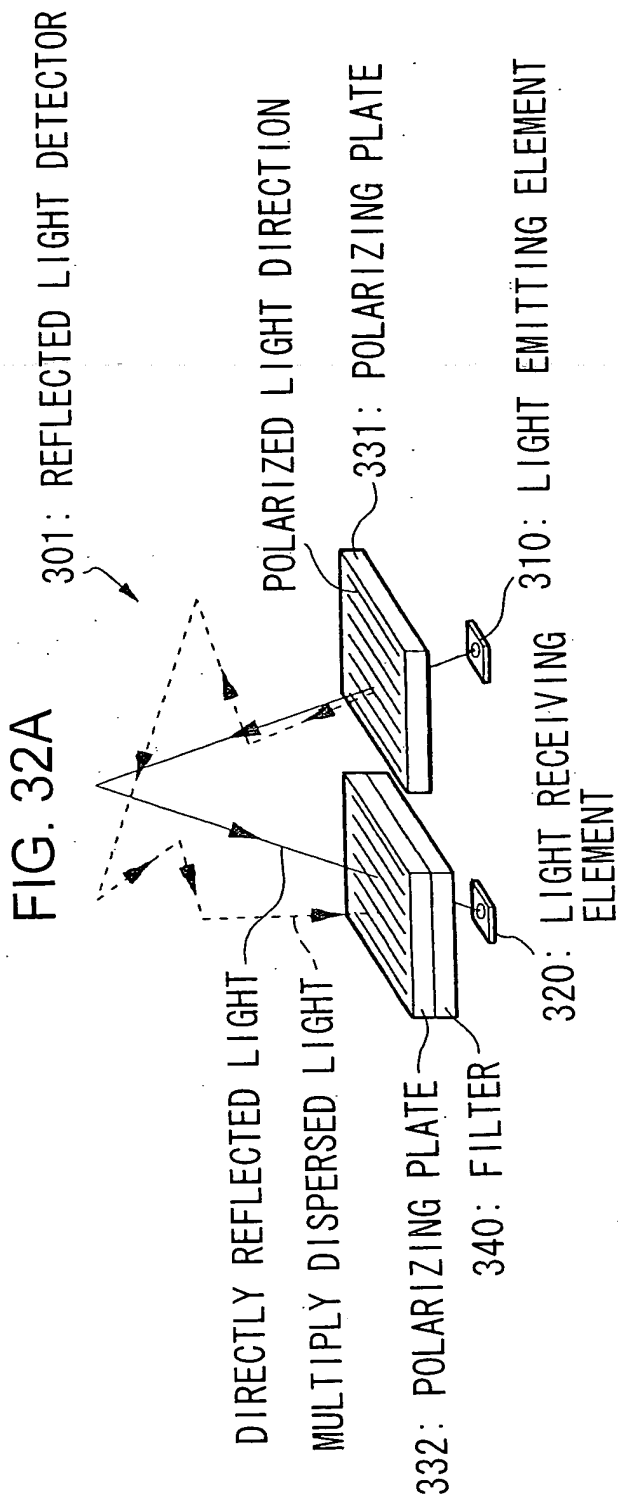


FIG. 33A

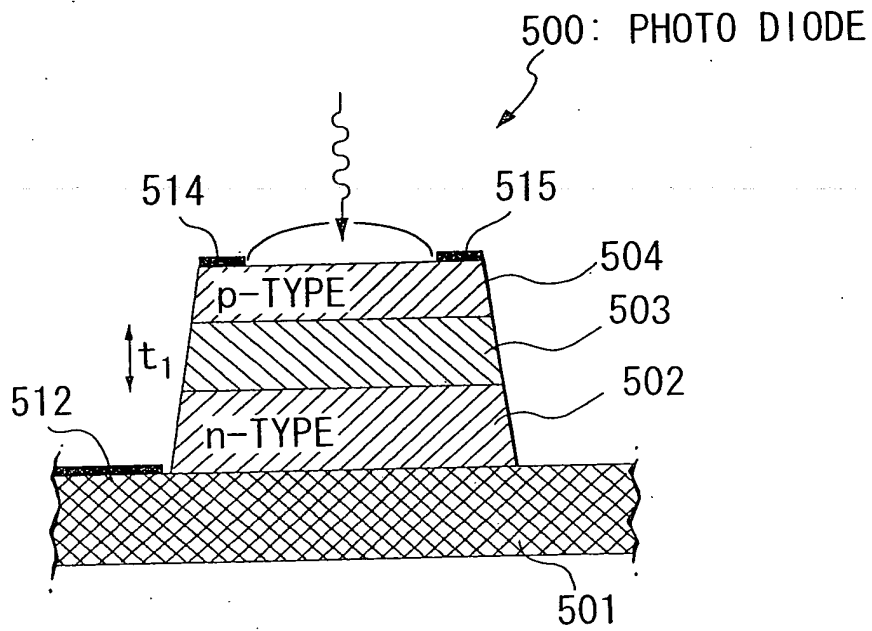


FIG. 33B

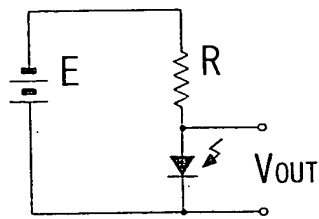


FIG. 34A

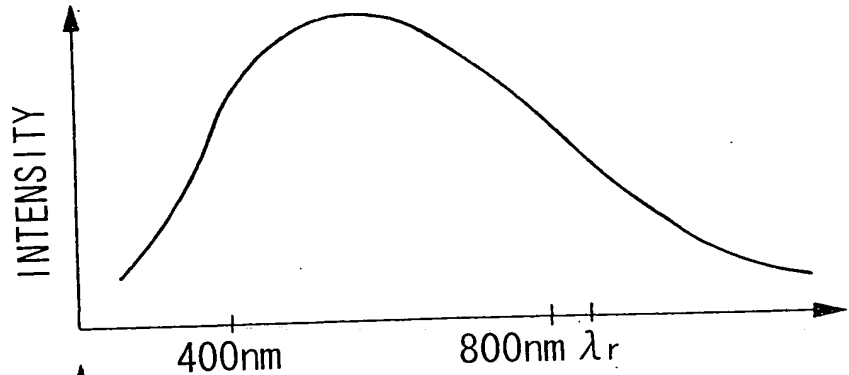
EXTERNAL LIGHT
SPECTRUM


FIG. 34B

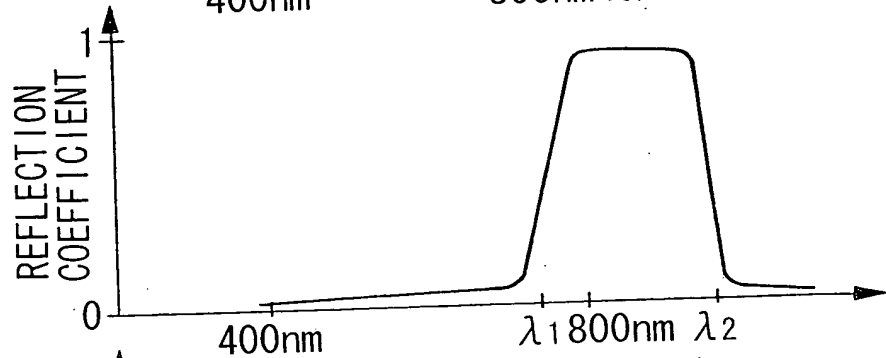
MIRROR
REFLECTION
COEFFICIENT


FIG. 34C

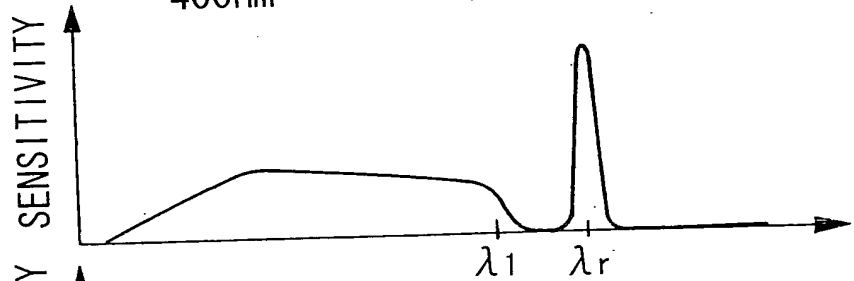
PD UNIT
SENSITIVITY


FIG. 34D

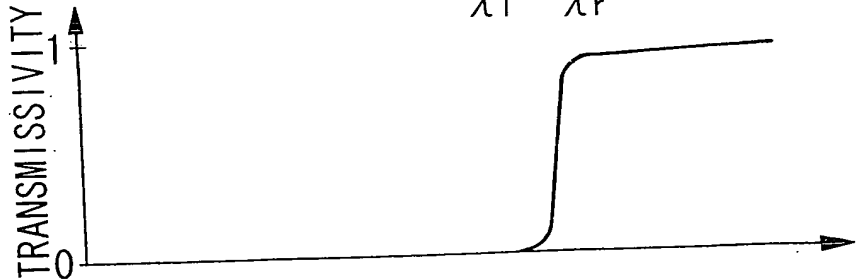
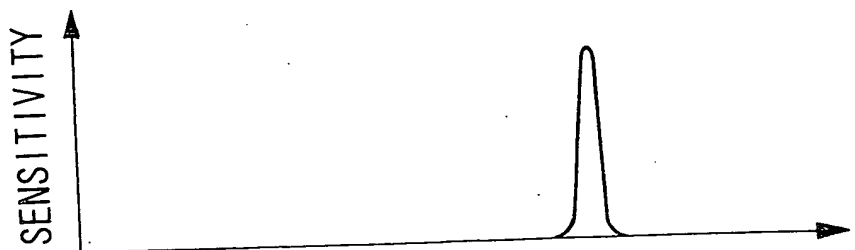
FILTER
CHARACTERISTICS


FIG. 34E

SENSITIVITY OF
PD COMBINED
WITH FILTER


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FIG. 35

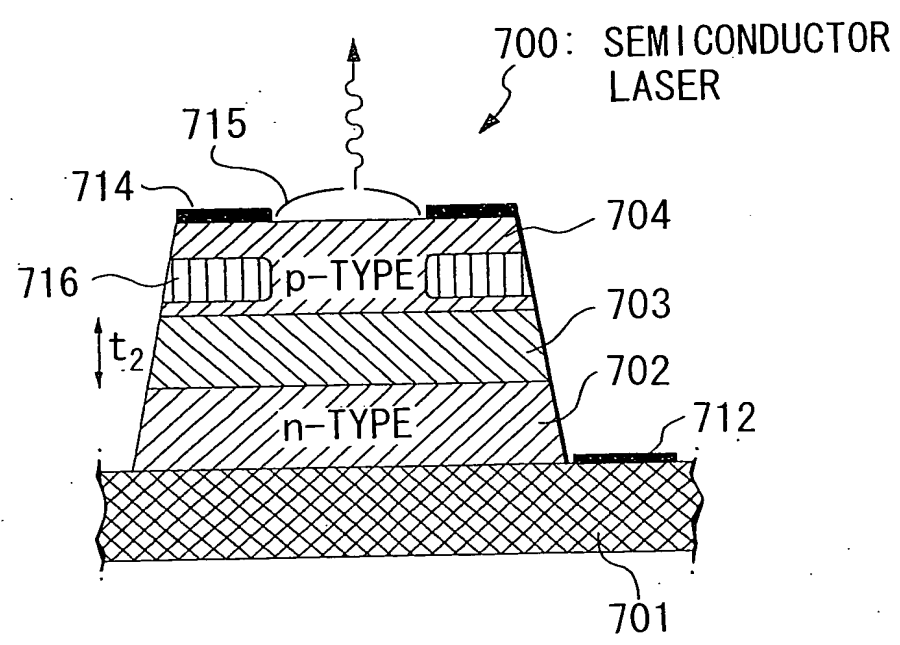
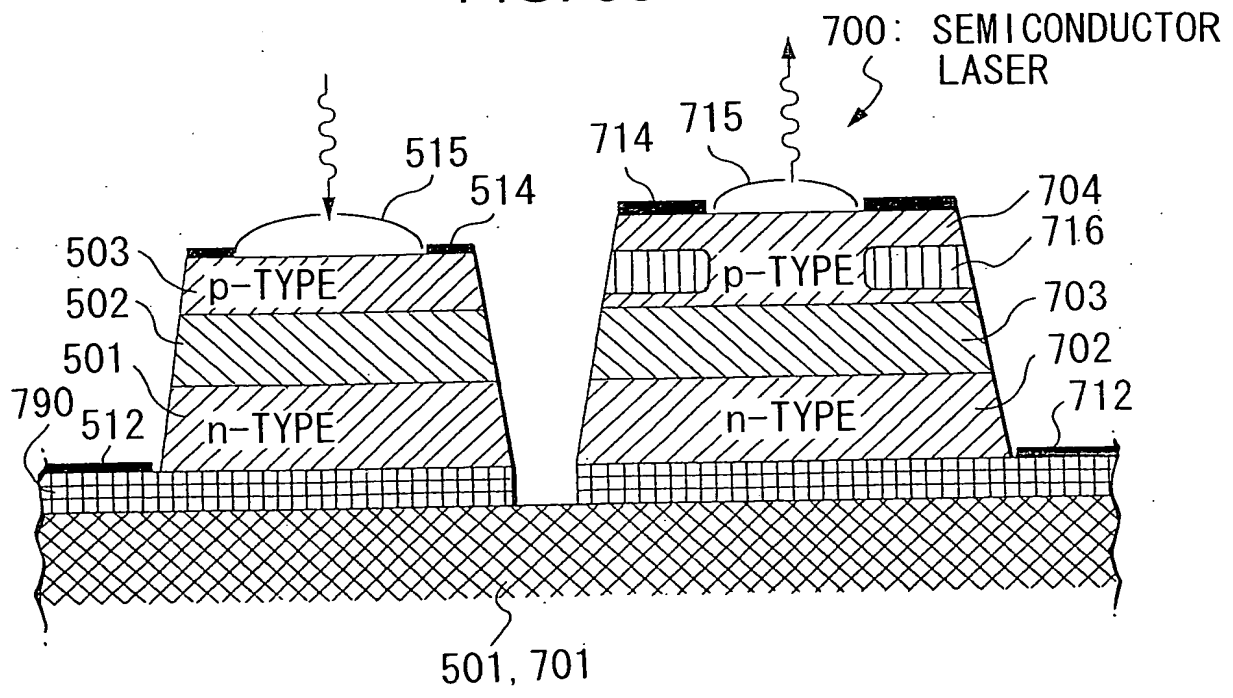
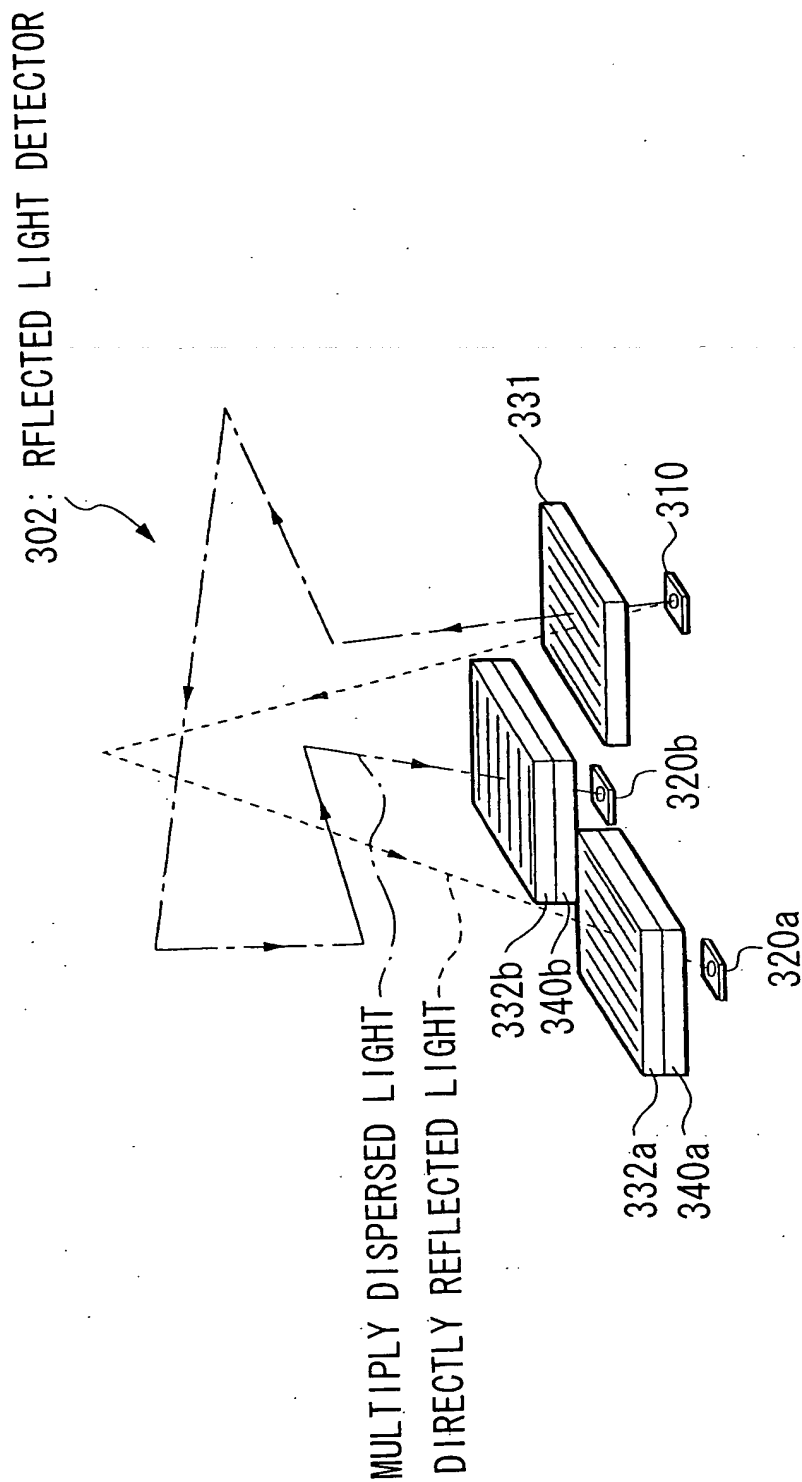


FIG. 36



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FIG. 38



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FIG. 39A

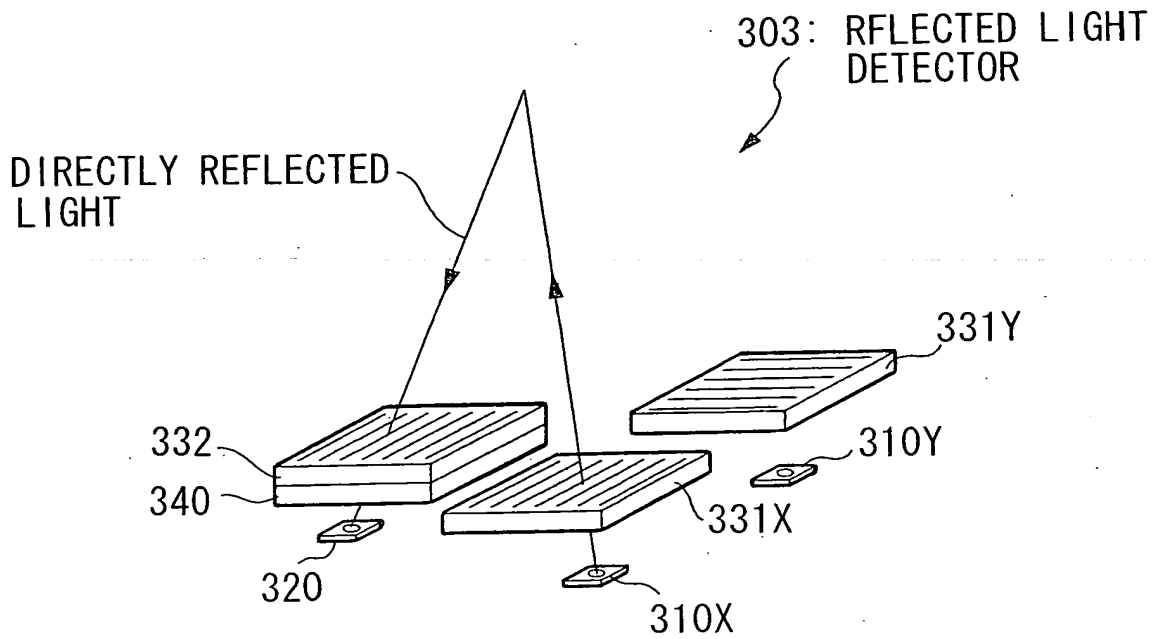


FIG. 39B

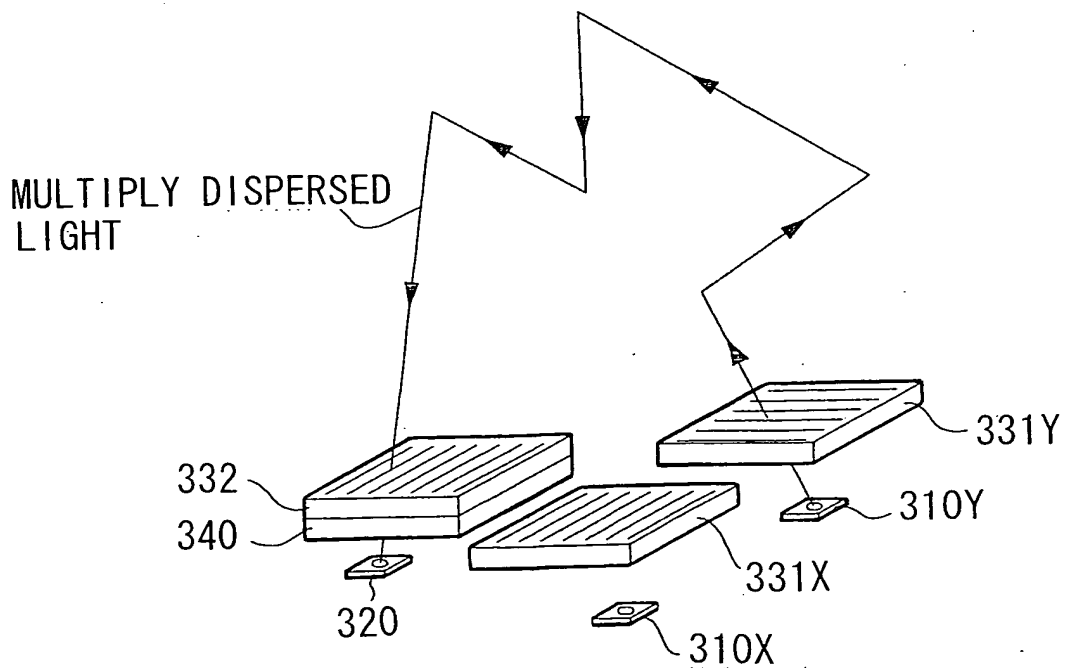


FIG. 40

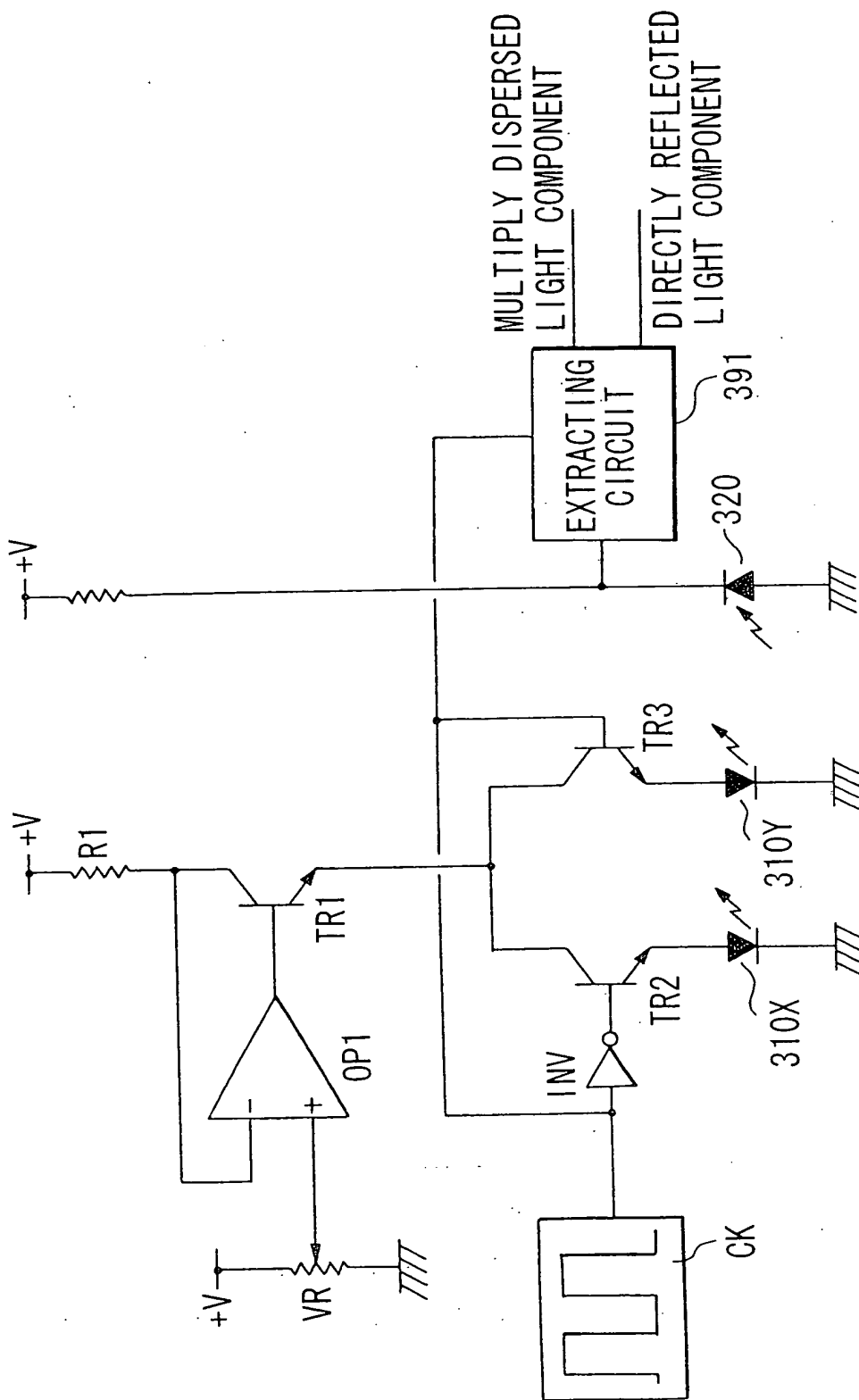
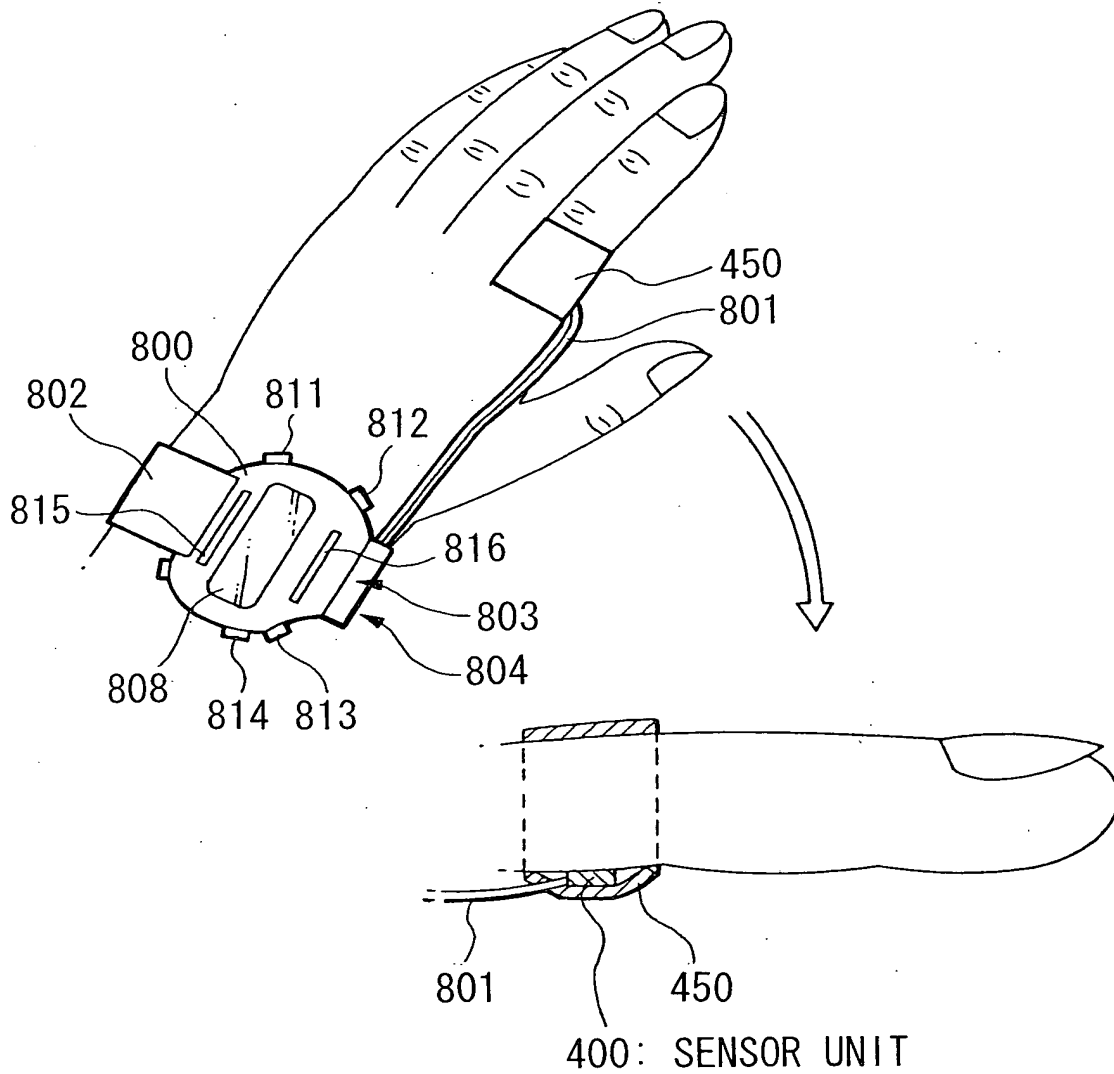


FIG. 41



400: SENSOR UNIT

FIG. 42

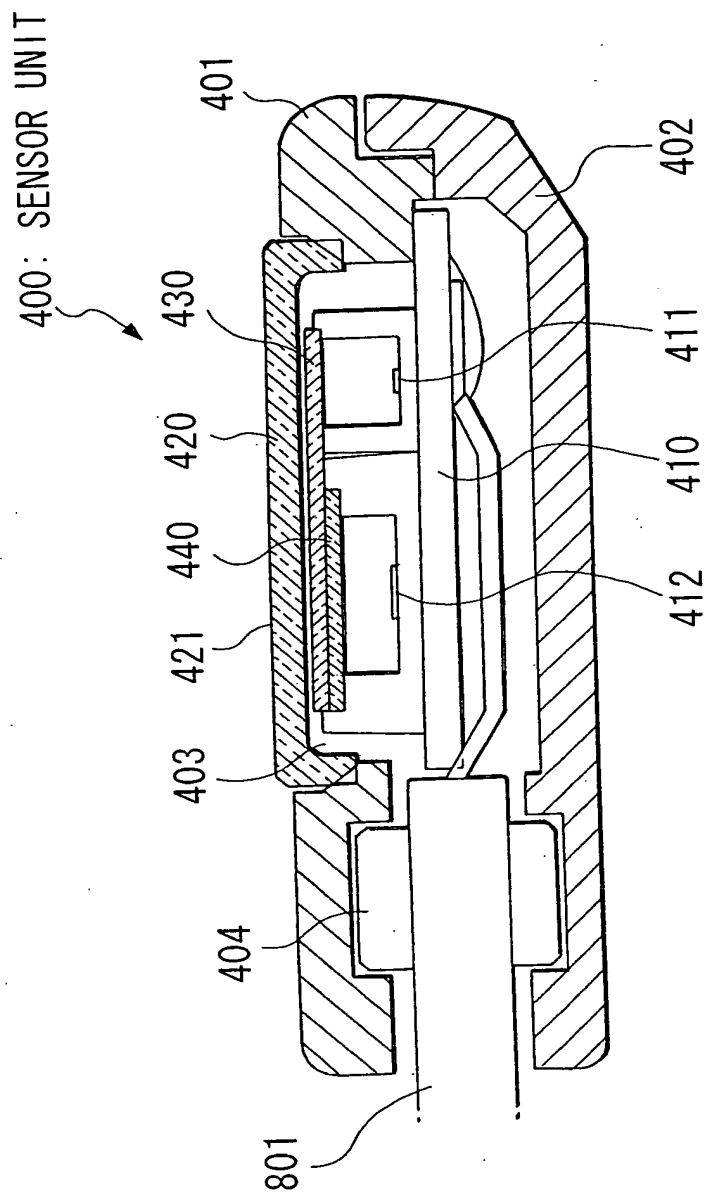


FIG. 43

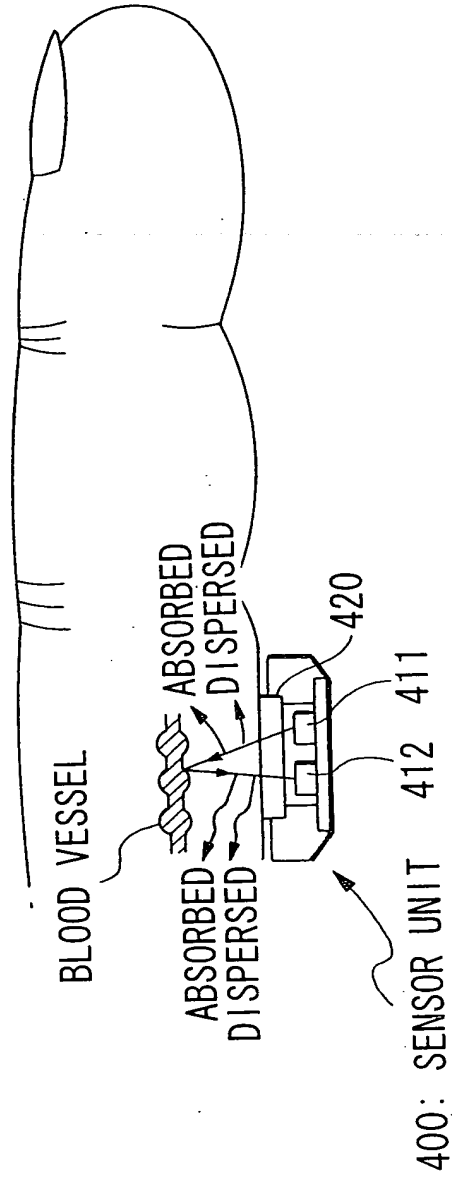


FIG. 44

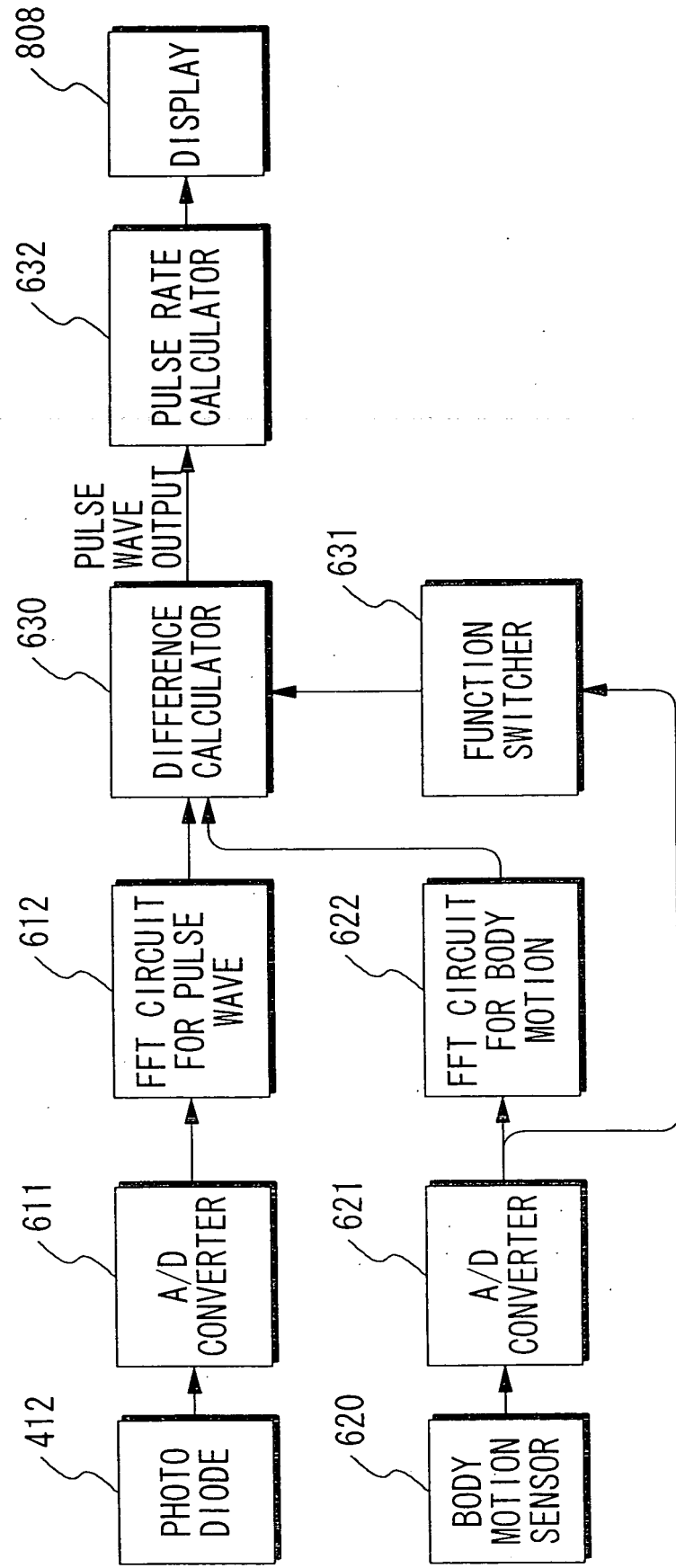
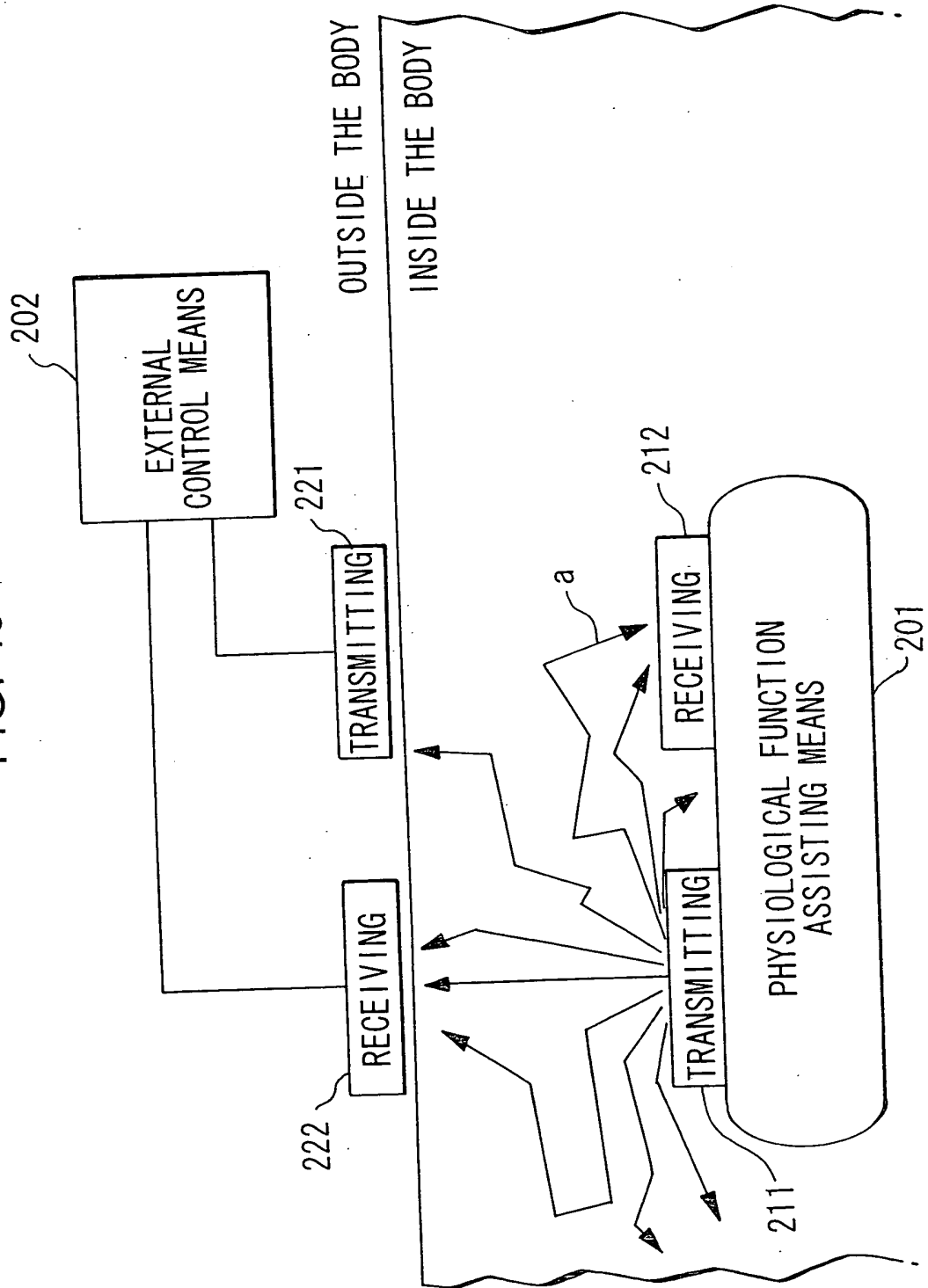


FIG. 45



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FIG. 46

